

## **CV Andreas Flache – as of October 2018**

### **A Short biography**

Andreas Flache is professor of sociology, in particular modeling norms and networks, at the sociology department of the Faculty for Behavioral and Social Sciences, at the University of Groningen, The Netherlands. His main research addresses intergroup relations in a diverse society, opinion dynamics, cooperation problems, social networks and social learning. In his research, Flache applies agent based computational modelling and game theoretical modeling, laboratory experiments, survey research and network research.

Flache has published in social science flagship journals like American Journal of Sociology, Journal of Conflict Resolution, Organization Science, as well as in multidisciplinary journals like the Proceedings of the National Academy of Sciences or Science, and specialized journals like Sociology of Education, Rationality and Society, or Journal of Mathematical Sociology.

He is also a member of the board of the ICS (Interuniversity Center for Social Science Theory and Methodology), a research and training center accredited by the Royal Academy of Sciences (KNAW). Flache was until September 1, 2016, also director of studies (opleidingsdirecteur) of the Bachelor- and Master program Sociology at the University of Groningen and head of the department of Sociology of the University of Groningen.

From 1999-2004, Flache was research fellow of the Royal Netherlands Academy of Arts and Sciences (KNAW). In 2004, Flache received an NWO-VIDI grant for the research project “The importance of timing and structure: modeling effects of interpersonal contacts on social cohesion in diverse groups” that he conducted as principal investigator from 2005 to 2010. In 2017 Flache was one of 17 co-applicants (PI: Wittek) of the succesful proposal for the NWO-gravity program SCOOP (Sustainable Cooperation, 18.8M), a major interdisciplinary effort to study conditions and mechanisms of sustainable cooperation in families, communities and organizations. 2018 Flache was main-applicant of the successful ORA proposal ToRealSim (“Towards realistic computational models of social influence dynamics”) (1.2M), an effort by teams from the Netherlands, Germany, UK and France to link computational modelling of opinion dynamics with empirical research in experiments, social networks and surveys (16 out of 294 eligible applications were funded in this program).

For more information see: <http://www.rug.nl/staff/a.flache/>

Google scholar: <https://scholar.google.nl/citations?user=dt9jPJ0AAAAJ&hl=en>

## B Personal details

Title(s), initial(s), first name, surname: prof. dr. Andreas Flache  
 Male/female: male  
 Date and place of birth: 12. 05. 1963, Einbeck, Germany  
 Nationality: German

## C Academic Grades and Academic Education

### C.1 Master's ('Diplom') in Computer Science

University/College of Higher Education: University of Koblenz-Landau, Germany  
 Date: August 1991 (*cum laude*)  
 Master's thesis: A software tool for the empirical analysis of chaotical dynamics.  
 Supervisors: K.G. Troitzsch, J. Ebert (University of Koblenz-Landau).

### C.2 Doctorate in Social and Behavioral Sciences

University: University of Groningen  
 Date: 19 December 1996 (*cum laude*)  
 Supervisor ('Promotor'): W.B.G. Liebrand (RUG), W. Raub (UU), F.N. Stokman (RUG)  
 Title of thesis: The double edge of networks. An Analysis of the Effect of Informal Networks on Cooperation in Social Dilemmas.

## D Academic Publications

In terms of ISI impact factors and ranking, some highly ranked publications are:

- Battiston, Farmer, Flache, Garlaschelli, Haldane, Heesterbeek, Hommes, Jaeger, May, M.Scheffer. 2016. *Science*.  
Impact 2016: 37.205
- Macy, Flache 2002. *Proceedings of the National Academy of Sciences U.S.A.*,  
Impact 2002: 10.7
- Mäs, Flache, Helbing. 2010 *PLoS Computational Biology*  
Impact 2010: 5.5. Ranked 1<sup>st</sup> (of 37) in Mathematical and Computational Biology.
- Keijzer, Mäs & Flache. Forthcoming. *Complexity*. Impact 2018: 4.6.
- Mäs, Flache, Takács & Jehn. 2013. *Organization Science*.  
Impact 2010: 3.8. Ranked 12<sup>th</sup> (of 144) in Management.
- Macy, Flache, 2007. *American Journal of Sociology*  
Impact 2005: 3.262, ranked 1<sup>st</sup> in Sociology
- Macy, Flache. 1995. *Annual Review of Sociology*.  
Impact 1998: 2.563, ranked 2<sup>nd</sup> in Sociology.
- Flache & Macy, 2011. *Journal of Conflict Resolution*.

*Impact 2010*: 1.88, ranked 7<sup>th</sup> in International Relations (of 78) and 9<sup>th</sup> in Political Science (of 141).

***Quantitative citation analysis based on Google Scholar profile,  
October 2, 2018***

	<i>All</i>	<i>Since 2013</i>
Citations	3734	2155
<i>h-index</i>	31	23
<i>i10-index</i>	54	42

**D.1 Publications in peer reviewed journals, or in peer reviewed top-proceedings (Artificial Intelligence)**

1. Keijzer, M., Maes, M. & **Flache**, A. *Accepted for publication*. "Communication in online social networks fosters cultural isolation". *Complexity*.
2. **Flache**, A. **2018**. Between Monoculture and Cultural Polarization: Agent-Based Models of the Interplay of Social Influence and Cultural Diversity. *Journal of Archaeological Method and Theory*. Online first: <https://doi.org/10.1007/s10816-018-9391-1>.
3. Van Niejenhuis, C., Otten, S., **Flache**, A., & Van der Werf, G. **2018**. Sojourners' second language learning and integration. The moderating effect of multicultural personality traits. *International Journal of Intercultural Relations* 63:68-79.
4. Brouwer, J., Jansen, E.P.W.A., **Flache**, A. & A. Hofman. **2018**. Leergemeenschappen en de vorming van hulp- en vriendschapsrelaties van eerstejaarsstudenten in het hoger onderwijs *Tijdschrift voor Hoger Onderwijs* 34(4):52-66.
5. Brouwer, J., **Flache**, A., Jansen, E., Hofman, A. & Steglich, C. **2018**. Emergent achievement segregation in Freshmen Learning Community networks. *Higher Education* 76(3): 483-500. doi 10.1007/s10734-017-0221-2 (Online first 28 – 12 – 2017).
6. Grow, A., **Flache**, A., Wittek, R. **2017**. Global Diversity and Local Consensus in Status Beliefs: The Role of Network Clustering and Resistance to Belief Change. *Sociological Science* 4: 611-640. <http://dx.doi.org/10.15195/v4.a25>
7. **Flache**, A., Mäs, M., Feliciani, T., Chattoe-Brown, E., Deffuant, G., Huet, S., & Lorenz, J. **2017**. Models of social influence: towards the next frontiers. *Journal of Artificial Societies and Social Simulation*, 20(4). <http://jasss.soc.surrey.ac.uk/20/4/2.html>
8. Feliciani, T., **Flache**, A., & Tolsma, J. **2017**. How, When and Where Can Spatial Segregation Induce Opinion Polarization? Two Competing Models. *Journal of Artificial Societies and Social Simulation*, 20(2), 6. <http://doi.org/10.18564/jasss.3419>

9. Leszczensky, L., **Flache**, A., Stark, T.H., Munniksma, A. **2018**. "The Relation between Ethnic Classroom Composition and Adolescents' Ethnic Pride." *Group Processes & Intergroup Relations* 21 (7): 997-1013. Online first March 9, 2017 doi: [10.1177/1368430217691363](https://doi.org/10.1177/1368430217691363).
10. Brouwer, J., Jansen, E.P.W.A., **Flache**, A. & A. Hofman. **2016**. "The impact of social capital on self-efficacy and study success among first-year university students". *Learning & Individual Differences* 52:109–118. <http://dx.doi.org/10.1016/j.lindif.2016.09.016>
11. Brouwer, J., Jansen, E.P.W.A., Hofman, A. & A. **Flache**. **2016**. Een goed begin is het halve werk: Het belang van kleinschalig onderwijs voor de interactie, zelfeffectiviteit en studiesucces in het eerste semester. *Pedagogische Studiën* 2016 (93) 120-135.
12. Takács, K., **Flache**, A. & M. Mäs. **2016**. Discrepancy and Disliking Do Not Induce Negative Opinion Shifts. *PLoS ONE* 11(6): e0157948. doi:10.1371/journal.pone.0157948.
13. Veul, Ilva, Andreas **Flache** en Simon Venema. **2016**. PVV en SP: ideologische tegenstanders met dezelfde voedingsbodem? *Mens en maatschappij* 91, 1:27-52(26). <https://doi.org/10.5117/MEM2016.1.VEUL>
14. Battiston, S., J.D.Farmer, A.**Flache**, D.Garlaschelli, A.Haldane, H.Heesterbeek, C.Hommes, C.Jaeger, R.May, M.Scheffer. **2016**. Financial complexity: Accounting for fraud—Response. *Science* 352 (6283), 302-302.
15. Battiston, S., J.D.Farmer, A.**Flache**, D.Garlaschelli, A.Haldane, H.Heesterbeek, C.Hommes, C.Jaeger, R.May, M.Scheffer. **2016**. Complexity Theory and Financial Regulation. Economic policy needs interdisciplinary network analysis and behavioral modeling, *Science* 19 Feb 2016: Vol. 351, Issue 6275, pp. 818-819 DOI: 10.1126/science.aad0299.
16. Brouwer, J., Jansen, E., Hofman, A., & **Flache**, A. **2016**. Early tracking or finally leaving? Determinants of early study success in first-year university students. *Research in Post-Compulsory Education*, 21(4), 376-393. doi: 10.1080/13596748.2016.1226584.
17. Leszczensky, L., Stark, T.H., **Flache**, A., Munniksma, A. **2016**. Disentangling the Relationship between Young Immigrants' National Identification and their Friendships with Natives. *Social Networks* 44: 179–189.
18. Grow, A. , Flache, A. , & Wittek, R. **2015**. An Agent-Based Model of Status Construction in Task Focused Groups. *Journal of Artificial Societies and Social Simulation* **18** (2) 4. <<http://jasss.soc.surrey.ac.uk/18/2/4.html>>.
19. Munniksma, A., Verkuyten, M. , Flache, A. , Stark, T. H. , & Veenstra, R. **(2015)**. Friendships and outgroup attitudes among ethnic minority youth.: The mediating role of ethnic and host society identification. *International Journal of Intercultural Relations* , 44 , 88-99. 10.1016/j.ijintrel.2014.12.002
20. Stark, T. H., Mäs, M. , & Flache, A. **2015**. Liking and disliking minority-group classmates.: Explaining the mixed findings for the influence of ethnic classroom

- composition on interethnic attitudes. *Social Science Research* 50:164-176.  
<http://dx.doi.org/10.1016/j.ssresearch.2014.11.008>
21. Stoica, V. & A. **Flache**. **2014**. From Schelling to Schools. A comparison of a model of residential segregation with a model of school segregation. *Journal of Artificial Societies and Simulation* 17 (1) 5. <http://jasss.soc.surrey.ac.uk/17/1/5.html>
  22. Mäs M, A. **Flache**. **2013**. Differentiation without Distancing. Explaining Bi-Polarization of Opinions without Negative Influence. PLoS ONE 8(11): e74516. doi:10.1371/journal.pone.0074516.
  23. Conte,R., N. Gilbert, G. Bonelli, C. Cioffi-Revilla, G. Deffuant, J. Kertesz, V. Loreto, S. Moat, J.-P. Nadal, A. Sanchez , A. Nowak, A. **Flache**, M. San Miguel, & D. Helbing. **(2013)**. Manifesto de Ciência Social Computacional. *Mediações - Revista de Ciências Sociais* 18.1:20-54.
  24. Munniksma, A., T. H. Stark, M. Verkuyten, A. **Flache**, & R. Veenstra. **(2013)**. Extended intergroup friendships within social settings: The moderating role of initial outgroup attitudes. *Group Processes & Intergroup Relations*. 16(6) 752–770.
  25. Stark, T.H., **Flache**, A., Veenstra, D.R. **(2013)**. Generalization of positive and negative attitudes towards individuals to outgroup attitudes. *Personality and Social Psychology Bulletin* 39: 608-622.
  26. Mäs, M., **Flache**, A., Takács, K. & Jehn, K. **(2013)**. In the short term we divide, in the long term we unite: Demographic crisscrossing and the effects of faultlines on subgroup polarization. *Organization Science* 24. 3: 716–736.
  27. Van der Paauw, M., A. **Flache**. **(2012)**. Lokale concentratie van allochtonen en steun aan de PVV. *Mens en Maatschappij* 87.4:371-394.
  28. Munniksma, A., **Flache**, A., Verkuyten, M., & Veenstra, R. **(2012)**. Parental Acceptance of children's intimate ethnic outgroup relations: The role of culture, status, and family reputation. *International Journal of Intercultural Relations* 36.4:575-585.
  29. Stark, T.H. & A. **Flache**. **(2012)**. The Double Edge of Common Interest: Ethnic Segregation as an Unintended Byproduct of Opinion Homophily. *Sociology of Education* 85.2:179-199.
  30. Conte,R., N. Gilbert, G. Bonelli, C. Cioffi-Revilla, G. Deffuant, J. Kertesz, V. Loreto, S. Moat, J.-P. Nadal, A. Sanchez , A. Nowak, A. **Flache**, M. San Miguel, & D. Helbing. **(2012)**. Manifesto of computational social science. *The European Physical Journal Special Topics* 214, 325–346.
  31. **Flache**, A., & Macy, M.W. **(2011)**. Local Convergence and Global Diversity: From Interpersonal to Social Influence. *Journal of Conflict Resolution* 55.6: 968 - 993.
  32. Grow, A. & **Flache**, A. **(2011)**. How attitude certainty tempers the effects of faultlines in demographically diverse teams. *Computational and Mathematical Organization Theory*. Volume 17, Number 2, 196-224.
  33. **Flache**, A., & Macy, M.W. **(2011)**. Small Worlds and Cultural Polarization. *Journal of Mathematical Sociology* 35.1. Pp. 146-176 in Marcel A. L. M. van Assen,

- Vincent Buskens, and Werner Raub (eds.). Special triple issue: "Micro-Macro Links and Micro-Foundations".
34. Mäs M, **Flache** A, Helbing D. (2010). Individualization as Driving Force of Clustering Phenomena in Humans. *PLoS Computational Biology* 6(10): e1000959. doi:10.1371/journal.pcbi.1000959
  35. Lambooy, M., A. **Flache**, J. Siegers. (2009). Shadow of the future, risk aversion and employee cooperation. *Rationality and Society* 21 (3): 307-336.
  36. Takacs, K., B. Janky & A. **Flache**. (2008). Collective action and network change. *Social Networks* 30.3:177-189.
  37. **Flache**, A, M. Mäs. (2008). How to get the timing right. A computational model of the effects of the timing of contacts on team cohesion in demographically diverse teams. *Computational and Mathematical Organization Theory* 14.1:23-51. DOI 10.1007/s10588-008-9019-1.
  38. **Flache**, A, M. Mäs, (2008). Why do faultlines matter? A computational model of how strong demographic faultlines undermine team cohesion. *Simulation Modelling Practice and Theory* 16.2: 175-191.
  39. Back, I., A. **Flache**. (2008). Interpersonal Commitment in an Evolutionary Perspective. *Rationality and Society* 20: 65 – 83.
  40. Lambooy, M., A. **Flache**, K. Sanders & J. Siegers. (2007). Encouraging employees to cooperate. The effects of sponsored training and promotion practices on employees' willingness to work overtime. *The International Journal of Human Resource Management* 18.10: 1748 – 1767.
  41. M. Macy, A. **Flache**. (2007). Reply: Collective Action and the Empirical Content of Stochastic Learning Models. *American Journal of Sociology*<sup>1</sup> 112.5:1546-1554.
  42. **Flache**, A., Yamamoto, H. (2006). The Rational Weakness of Strong Ties: Failure of Group Solidarity in a Highly Cohesive Group of Rational Agents. Translation (in Japanese) of Flache, 2002, JMS. *Sociological Theory and Methods* 21, 1, 131-156.
  43. Back, I. and **Flache**, A. (2006). The Viability of Cooperation Based on Interpersonal Commitment. *Journal of Artificial Societies and Social Simulation*<sup>2</sup> 9(1) <<http://jasss.soc.surrey.ac.uk/9/1/12.html>>.
  44. **Flache**, A., M.W. Macy. (2006). „Bottom-up“ Modelle sozialer Dynamiken. Agentenbasierte Computermodellierung und methodologischer Individualismus. *Kölner Zeitschrift für Soziologie und Sozialpsychologie*, Sonderheft 44/2004 „Methoden der Sozialforschung“:536-559, edited by Diekmann, A.
  45. Pujol, J.M., A. **Flache**, J. Delgado, R. Sanguessa. (2005). How Can Social Networks ever become complex? Modelling the emergence of complex networks from local social exchanges. *Journal of Artificial Societies and Social Simulation*<sup>2</sup> (JASSS) 8(4) <<http://jasss.soc.surrey.ac.uk/8/4/12.html>>.

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<sup>1</sup> ranked 1<sup>st</sup> in Sociology

<sup>2</sup> ISI-impact in 2005: 1.061, ranked 10th (of 59) in ISI subcategory Interdisciplinary Social Sciences



46. Pujol, J.M., Sanguessa, R., Delgado, J., **A. Flache**. (2005). The Role of Clustering on the Emergence of Efficient Social Conventions. In Kaelbling, L.P., A. Saffiotti (eds.) Pp. 965-970 in: *IJCAI 2005. Proceedings of the 19th International Joint Conference on Artificial Intelligence*<sup>3</sup>. Edinburgh,UK: Morgan Kaufmann, Los Altos.
47. **Flache**, A. (2004). How may virtual communication shape cooperation in a work team? A formal model based on social exchange theory. *Analyse & Kritik* 26: 258-278. Special issue on "Trust and Community on the Internet" (Guest editors Lahno, Matzat).
48. **Flache**, A., R. Torenvlied. (2004). When will they ever make up their minds? The social structure of unstable decision making. *Journal of Mathematical Sociology* 28.3:171-196.
49. Pujol, J.M., **Flache**, A., Sangüesa, R. and Delgado, J. (2004). Emergence of Complex Networks through Local Optimization. *Proceedings of the 16th European Conference on Artificial Intelligence*<sup>4</sup>. ECAI-04. Valencia, Spain (2004).
50. **Flache**, A. (2003). 'Je vrienden val je niet af'. De negatieve effecten van informele netwerken op groepssolidariteit in werkgroepen. *Gedrag & Organisatie* 2003-16,3: 179-200.
51. Wittek, R.P.M., **A. Flache**. (2002). Rational Choice und Organisationstheorie. In: Allmendinger, J., T. Hinz. Organisationssoziologie. *Kölner Zeitschrift für Soziologie und Sozialpsychologie*<sup>3</sup>. Sonderheft 42:55-87.
52. **Flache**, M.W. Macy. (2002). Stochastic Collusion and the Power Law of Learning: A General Reinforcement Learning Model of Cooperation. *Journal of Conflict Resolution*<sup>5</sup> 46(5):629-653.
53. Macy, M.W., **A. Flache**. (2002). Learning Dynamics in Social Dilemmas. *Proceedings of the National Academy of Sciences U.S.A*<sup>6</sup>. May 14;99(10):7229-36.
54. **Flache**, A. (2002). The Rational Weakness of Strong Ties. Failure of Group Solidarity in a Highly Cohesive Group of Rational Agents. *Journal of Mathematical Sociology* 26(3):189-216.

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<sup>3</sup> In artificial intelligence, a paper in the IJCAI proceedings is considered a top publication. Some references: "IJCAI only accepted around 20% of the papers submitted to it in 2005, making it a more selective publication than many AI journals". Source: [http://en.wikipedia.org/wiki/International\\_Joint\\_Conference\\_on\\_Artificial\\_Intelligence](http://en.wikipedia.org/wiki/International_Joint_Conference_on_Artificial_Intelligence), retrieved 17/11/2006. See also <http://www.ntu.edu.sg/home/assourav/crank.htm>. See also <http://citeseer.ist.psu.edu/impact.html> (IJCAI belongs to top 4.09% of computer science publication venues 2003).

<sup>4</sup> In artificial intelligence, a paper in the ECAI proceedings is considered a high-ranking publication. Some references: Acceptance rate van ECAI in 2004: 22.9% according to [http://www.adaptivebox.net/research/bookmark/CICON\\_stat.html#ECAI](http://www.adaptivebox.net/research/bookmark/CICON_stat.html#ECAI) (retrieved 11/17/2006). According to the website of the European Coordinating Committee for Artificial Intelligence, ECAI is considered "the leading conference in its field in Europe" (<http://www.eccai.org/ecai.shtml>).

<sup>5</sup> ranked 4<sup>th</sup> in Political Sciences in 2002

<sup>6</sup> Impact 2002: 10.7

55. **Flache, A., R. Hegselmann. (2001).** Do Irregular Grids make a Difference? Relaxing the Spatial Regularity Assumption in Cellular Models of Social Dynamics. *Journal of Artificial Societies and Social Simulation* 4 (4). <http://jasss.soc.surrey.ac.uk/4/4/6.html>
56. **Flache, A. (2001).** Individual Risk Preferences and Collective Outcomes in the Evolution of Exchange Networks. *Rationality and Society* 13 (3):304-348.
57. Hegselmann, R., **A. Flache, (2000).** Rational and Adaptive Playing. A comparative analysis for all possible Prisoner's Dilemmas. pp. 75-97 in: *Analyse & Kritik* 22 (1).
58. **Flache, A., R. Hegselmann, (1999).** Altruism vs. Self-Interest in Social Support. Computer simulations of social support networks in cellular worlds. In: *Advances in Group Processes* 16:61-97.
59. **Flache, A., R. Hegselmann, (1999).** Rationality vs. Learning in the Evolution of Solidarity Networks: A Theoretical Comparison. *Computational and Mathematical Organization Theory* 5:2:97-127.
60. Kitts, J., M.W. Macy, **A. Flache, (1999).** Structural Learning: Conformity and Social Control in Task-Oriented Groups. *Computational and Mathematical Organization Theory* 5:2:129-145.
61. Hegselmann, R., **A. Flache, (1998).** Understanding Complex Social Dynamics: A Plea For Cellular Automata Based Modelling. *Journal of Artificial Societies and Social Simulation* 1: <http://www.soc.surrey.ac.uk/JASSS/1/3/1.html>
62. **Flache, A., M.W. Macy, (1996).** The Weakness of Strong Ties: Collective action failure in a highly cohesive group. *Journal of Mathematical Sociology* 21:3-28.
63. Macy, M.W., **A. Flache, (1995).** Beyond Rationality in Models of Choice. *Annual Review of Sociology*<sup>7</sup> 21:73-91.

## D.2 Books edited or published

64. Jager, W., Verbrugge, R., **Flache, A., de Roo, G., Hoogduin, L., Hemelrijk, C. (Eds.).** 2017. "Advances in Social Simulation 2015". Series: Advances in Intelligent Systems and Computing, Vol. 528. Cham, Switzerland: Springer International Publishing. ISBN 978-3-319-47253-9.
65. Aberer, K.; **Flache, A.**; Jager, W.; Liu, L.; Tang, J.; Gueret, C. (Eds.). **2012.** *Social Informatics. 4th International Conference, SocInfo 2012, Lausanne, Switzerland, December 5-7, 2012.* Proceedings Series: Lecture Notes in Computer Science, Vol. 7710. Subseries: Information Systems and Applications, incl. Internet/Web, and HCI.
66. **Flache A., M. Koekkoek. (2009) (eds.).** Interventies voor een leefbare wijk. Van Theorie naar Praktijk en terug. Groningen: Van Gorcum.
67. D. Fetchenhauer, **A. Flache, A.P. Buunk & S. Lindenberg (eds.). (2006).** *Solidarity and Prosocial Behavior. An Integration of Sociological and Psychological*

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<sup>7</sup> Impact 1998: 2.563, ranked 2<sup>nd</sup> in Sociology.



*Perspectives*. Series of Critical Issues in Social Justice (edited by Melvin J. Lerner). New York: Springer Science+Business Media.

68. **Flache, A. (1996).** *The Double Edge of Networks*. Amsterdam: Thesis Publishers.

### D.3 Chapters contributed to books

69. **Flache, A.** *Accepted for publication*. Social integration in a diverse society: Social complexity models of the link between segregation and opinion polarization. To appear in: *New Perspectives and Challenges in Econophysics and Sociophysics*, Eds. F. Abergel, B.K. Chakrabarti, A. Chakraborti, N. Deo and K. Sharma (Springer New Economic Windows).
70. Brouwer, J., Jansen, E., **Flache, A.**, Hofman, A. *Accepted for publication*. Longitudinal Peer Network Data in Higher Education. To appear in *Theory and Methods in Higher Education Research* (2019 volume). Editors Jeroen Huisman, Malcolm Tight.
71. Grow, André, Andreas **Flache**. *Forthcoming*. Agent-Based Computational Models of Reputation and Status Dynamics. Chapter in Oxford Handbook on Gossip and Reputation, Edited by Francesca Giardini and Rafael Wittek (Oxford University Press).
72. **Flache, A.**, Bakker, D.M., Mäs, M. & Dijkstra, J. **2017**. “The Double Edge of Counter–Sanctions. Is Peer Sanctioning Robust to Counter–Punishment but Vulnerable to Counter–Reward?” In: Ben Jann, Wojtek Przepiorka (Eds.). *Social Dilemmas, Institutions, and the Evolution of Cooperation*. De Gruyter / Oldenbourg. ISBN 978-3-11-047195-3.
73. Feliciani, T., **Flache, A.** & Tolsma, J. **2016** *PRIMA 2016: Principles and Practice of Multi-Agent Systems: 19th International Conference, Phuket, Thailand, August 22-26, 2016, Proceedings*. Baldoni, M., Chopra, A. K., Son, T. C., Hirayama, K. & Torroni, P. (eds.). Lecture Notes in Computer Science ed. Vol. 9862 2016, p. 409–410.
74. Flache, A. , & Mäs, M. **(2015)**. Multi-Agenten-Modelle. In N. Braun, & N. J. Saam (Eds.), *Handbuch Modellbildung und Simulation in den Sozialwissenschaften*. (pp. 491-514). [17] Wiesbaden.: Springer-Verlag.
75. Flache, A., & Dijkstra, J. (2015). Rationality in Society. In D. Wright (Editor-in-chief), *International encyclopedia of the social & behavioral sciences* (2nd ed., Vol. 19, pp. 907–912). Oxford: Elsevier. <http://dx.doi.org/10.1016/B978-0-08-097086-8.32124-9>.
76. Mäs, M., A. **Flache**, J.K. Kitts, **2014**. Cultural Integration and Differentiation in Groups and Organizations. Pp 71-90 in: V. Dignum and F. Dignum (eds.), *Perspectives on Culture and Agent-based Simulations*, Studies in the Philosophy of Sociality 3, DOI 10.1007/978-3-319-01952-9\_\_5, Springer International Publishing Switzerland 2014.
77. **Flache, A.**, Bakker, D. **2012**. De zwakke kant van sociale controle. Theoretisch en experimenteel onderzoek naar de spanning tussen groepsreciprociteit en relationele reciprociteit in een sociaal dilemma. Pp. 103-130 in Buskens, V. and

- Maas, I. (eds.) *Samenwerking in sociale dilemma's. Voorbeelden van Nederlands onderzoek*. Amsterdam University Press: Amsterdam.
78. Macy, M.W., Benard, S. and A. **Flache**. **2013**. Learning. Pp. 431-452 in *Simulating Social Complexity. A Handbook*. Series: Understanding Complex Systems. Edmonds, B.; Meyer, R. (Eds.). New York: Springer.
  79. Macy, M.W., **Flache**, A. Learning dynamics in social dilemmas (**2012**). Entry 1642 in Seel, N.M. (ed.) *Encyclopedia of the Sciences of Learning*. New York: Springer.
  80. Macy, M.W., D. Centola, **A. Flache**, A. van de Rijt & R. Willer. (**2011**) Social mechanisms and generative explanations: computational models with double agents. Pp. 250-265 in P. Demeulenaere (ed.). *Analytical Sociology and Social Mechanisms*. Cambridge: Cambridge University Press.
  81. Macy, M.W., A. **Flache**. (**2009**). Agent Based Modelling: Social Dynamics from the Bottom Up. Pp. 245-268 in Hedström, P. & P. Bearman (eds). The Oxford Handbook of Analytical Sociology (Oxford University Press).
  82. **Flache**, A., T.A.B. Snijders. (**2008**). Die Modellierung komplexer Netzwerke - Zum Nutzen agentenbasierter Modelle in der neuen Netzwerkforschung. Pp. 781-797 in: Rehberg, Karl-Siegbert, Verhandlungsband des 33. DGS-Kongresses "Die Natur der Gesellschaft", Campus-Verlag.
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  86. **Flache**, A., Macy, M.W.M, Takács, K. (**2006**). What sustains stable cultural diversity and what undermines it? Axelrod and beyond. Proceedings of the First World Congress on Social Simulation, Kyoto, Japan, vol. 2. Pp. 9-16.
  87. Back, I., **Flache**, A. (**2006**). 'Why Do We Like To Stay With Our Friends? Modelling the Evolutionary Dynamics of Interpersonal Commitment.' *Proceedings of the First World Congress on Social Simulation*, Kyoto, Japan, vol. 1: 87-94.
  88. **Flache**, A., M.W. Macy. (**2006**). Learning and Framing in Social Exchange. Pp 45-59 in Fetchenhauer et al 2006. *Solidarity and Prosocial Behavior*.
  89. Van der Vegt, G., A. **Flache**. (**2006**). Understanding the Joint Effects of Interdependence and Diversity on Solidarity in Work Teams. Pp 125-137 in Fetchenhauer et al 2006. *Solidarity and Prosocial Behavior*.

90. Sanders, K., A. **Flache**, G. van der Vegt & E. van de Vliert (2006). Employees' Organizational Solidarity within Modern Organizations: A Framing Perspective on the Effects of Social Embeddedness. Pp. 141-156 in Fetchenhauer et al 2006. *Solidarity and Prosocial Behavior*.
91. **Flache**, A., Macy, M.W. (2005). Social Life from the Bottom Up: Agent Modeling and the New Sociology. Pp. 275-302 in: Macal, C.M., D. Sallach, & M.J. North (editors), *Proceedings of the Agent 2004 Conference on Social Dynamics: Interaction, Reflexivity and Emergence*, Chicago: Argonne National Laboratory and The University of Chicago. ISBN 0-9679168-5-2.
92. Back, I., A. **Flache**. (2005). The Evolution of Cooperation based on Interpersonal Commitment. Pp. 268-279. In: Troitzsch, K.G., *Representing Social Reality. Pre-Proceedings of the Third Conference of the European Social Simulation Association, Koblenz, September 5-9*: Verlag Dietmar Fölbach. ISBN 3-934795-33-1.
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96. Van Veen, K., A. **Flache**, J. Kratzer, R. Wittek. (2002). Sociale netwerkanalyse voor kennismanagement: de blinde vlekken van wetenschap en praktijk. Pp. 263-277 in: Van Baalen, P., M. Weggeman, M., A. Witteveen (eds.). 'Kennis en Management'. Schiedam: Scriptum. (in Dutch).
97. Wittek, R. and A. **Flache**. (2001). Solidarität am Arbeitsplatz. Pp. 149-182 in: Bierhoff, H.W. and D. Fetchenhauer (eds.). *Solidarität. Konflikt, Umwelt und Dritte Welt*. Opladen: Leske und Budrich. (in German).
98. **Flache**, A., M.W. Macy, W. Raub, (2000). Do company towns solve free rider problems? A sensitivity analysis of a rational-choice explanation. In: Raub, W., J. Weesie (eds.). *The Management of Durable Relations: Theoretical and Empirical Models for Households and Organizations*. Amsterdam: Thela Thesis.
99. Hegselmann, R, A. **Flache**, V. Möller, (2000). Cellular Automata Models as Modelling Tool. pp. 151-178 in: Suleiman R., K.G. Troitzsch, N. Gilbert (eds.). *Tools and Techniques in for Social Science Simulation*. Heidelberg: Physica.
100. **Flache**, A., R. Hegselmann (1998). Rational vs. adaptive egoism in support networks: How different micro foundations shape different macro hypotheses, in:

- Leinfellner, W., E. Köhler (eds), *Game Theory, Experience, Rationality. Foundations of Social Sciences, Economics and Ethics. In Honor of John C. Harsanyi* [Yearbook of the Institute Vienna Circle 5] 261-275. Dordrecht: Kluver.
101. **Flache, A. (1992).** Empacs: A Softwaretool for the Empirical Analysis of Chaotic Systems, in: Faulbaum, F. (ed.) *SoftStat '91. Advances in Statistical Software 3* 169-176. Stuttgart: Gustav Fischer.
  102. **Flache, A., V. Schmidt (1991).** Programmsystem IPMOS - Computersimulation beliebiger Weidlich-Haag-Modelle, in: Kreutz, H., J. Bacher. *Disziplin und Kreativität. Sozialwissenschaftliche Computersimulationen: theoretische Experimente und praktische Anwendung* 160-178. Opladen: Leske+Budrich.
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#### D.4 Published working papers and professional publications (selection)

1. Flache, A. 2017. About renegades and outgroup-haters: Modelling the link between social influence and intergroup attitudes. Paper presented at ODCD 2017. Interdisciplinary Workshop on Opinion Dynamics and Collective Decision 2017, July 5-7, 2017 @ Jacobs University Bremen, Germany. [arXiv:1708.03917](https://arxiv.org/abs/1708.03917) [physics.soc-ph]
2. Flache, Prof.dr. A. (RuG); Takács, dr. K. (Hungarian Academy of Sciences); Mäs, dr. M. (RuG) (2016): Discrepancy and Disliking Do Not Induce Negative Opinion Shifts. DANS. <http://dx.doi.org/10.17026/dans-xjz-p8rk>
3. [arXiv:1406.0900](https://arxiv.org/abs/1406.0900) [pdf]  
Is there negative social influence? Disentangling effects of dissimilarity and disliking on opinion shifts  
[Károly Takács](#), [Andreas Flache](#), [Michael Mäs](#). 2015.  
Subjects: Physics and Society (physics.soc-ph); Social and Information Networks (cs.SI)
4. [arXiv:1007.5391](https://arxiv.org/abs/1007.5391) [pdf, other]  
Individualization as driving force of clustering phenomena in humans  
[Michael Mäs](#), [Andreas Flache](#), [Dirk Helbing](#). 2010.  
Subjects: Physics and Society (physics.soc-ph).
5. [arXiv:0901.2825](https://arxiv.org/abs/0901.2825) [pdf]  
Preference or opportunity? Why do we find more friendship segregation in more heterogeneous schools?

- [Andreas Flache](#), [Tobias Stark](#) Paper presented at 103rd Annual Meeting of the American Sociological Association (ASA). Boston, August 4, **2008**  
Subjects: Physics and Society (physics.soc-ph); Adaptation and Self-Organizing Systems (nlin.AO)
6. [arXiv:0808.2710](#) [pdf]  
Local Convergence and Global Diversity: From Interpersonal to Social Influence  
[Andreas Flache](#), [Michael W. Macy](#). Paper presented at American Sociological Association 103rd Annual Meeting, August 1-4, **2008**, Boston, MA. Session on Mathematical Sociology  
Journal-ref: 2011. Journal of Conflict Resolution 55.6: 968 - 993  
Subjects: Physics and Society (physics.soc-ph); Adaptation and Self-Organizing Systems (nlin.AO)
7. [arXiv:physics/0701333](#) [pdf]  
Local Convergence and Global Diversity: The Robustness of Cultural Homophily  
[Andreas Flache](#), [Michael W. Macy](#). **2007**  
Subjects: Physics and Society (physics.soc-ph); Adaptation and Self-Organizing Systems (nlin.AO)
8. [arXiv:physics/0604201](#) [pdf]  
What sustains cultural diversity and what undermines it? Axelrod and beyond  
[Andreas Flache](#), [Michael W. Macy](#). **2006**.  
Subjects: Physics and Society (physics.soc-ph); Adaptation and Self-Organizing Systems (nlin.AO)
9. [arXiv:physics/0604196](#) [pdf]  
Why more contact may increase cultural polarization  
[Andreas Flache](#), [Michael W. Macy](#). Paper to be presented in the Mathematical Sociology Session of the 101st Annual Meeting of the American Sociological Association, Montreal August 11-14, **2006**  
Subjects: Physics and Society (physics.soc-ph); Adaptation and Self-Organizing Systems (nlin.AO)

## D.5 Evaluated research report

**Flache, A., R. Hegselmann 2000.** *Abschlussbericht zum DFG Projekt "Dynamik sozialer Dilemma-Situationen"*. University of Bayreuth, Department of Philosophie (350p).

On basis of this project report, the project was evaluated by external reviewers as “project of high quality that is relevant both for economic and social-philosophical questions”.

## D.6 Presentations

### D.6.1 Selection of presentations as invited speaker since 2002

1. Flache, A. 2017. Social integration in a diverse society modelling the link between segregation and the dynamics of opinion polarization. Econophys-2017 & APEC-2017 Conference, November 15 – 18, Jawaharlal Nehru University / Delhi University, New Delhi, India.

2. Flache, A. 2017. Segregation dynamics: Agent-based models of three segregations. Workshop Agent-based modelling and simulation of social behavior. University of Bremen, October 12-13, 2017
3. Flache, A. 2017. About renegades and outgroup-haters: Modelling the link between social influence and intergroup attitudes. Interdisciplinary Workshop on Opinion Dynamics and Collective Decision 2017 (ODCD 2017). Jacobs University Bremen, Germany. Organizer: Jan Lorenz. July 7<sup>th</sup>, 2017.
4. Flache, A. 2017. Between consensus and polarization. The complexity of social influence dynamics in a diverse society. Keynote lecture at First annual NPCSC Conference “Shaping the Future of Complexity Science in The Netherlands”, Utrecht, March 10<sup>th</sup> 2017.
5. Flache, A. 2016. Ethnic segregation and opinion pluriformity. Two competing theoretical perspectives and some empirical evidence. Presentation in Kolloquium zur Sozialtheorie, Institut für Soziologie, Universität Leipzig, December 7, 2016, Leipzig, Germany.
6. Flache, A. 2016. Social Integration and Diversity. Connecting models and big data analysis. Presentation in Colloquium Models of Crisis. Research Center Models of Crises [NS 130017]. November 15, 2016, Santiago, Chile.
7. Flache, A. 2016. The complexity of social integration in a diverse society: can we connect theoretical models and big data? Invited presentation Presentation at Latin American School and Workshop on Data Analysis and Mathematical Modeling of Social Science. SoFiA - SocioFísica Argentina. November, 7-11, 2016, Buenos Aires, Argentina.
8. Flache, A. 2016. Between consensus and polarization. Agent-based models of the interplay of micro-processes and macrostructures in social influence. Presentation @ GELIFES Seminar Groningen Institute for Evolutionary Life Sciences. University of Groningen, June 30, 2016
9. Flache, A. 2016. Between consensus and polarization. Agent-based models of the interplay of micro-processes and macrostructures in social influence. Presentation DIFFCERAM workshop Diffusion of Innovations: Social Boundaries and Networks, Paris-Sorbonne, June 16-17, 2016.
10. Flache, A. 2016. “Minority size and ethnic homophily. Preference interpretations and misspecification of ERG models” Invited presentation at research colloquium MZES, Mannheim, April 12, 2016.
11. Flache A. 2015. Invited presentation “Ethnic segregation and the fragility of opinion pluriformity in a diverse society” at 2nd GESIS Computational Social Science Winter Symposium 2015, December 2-3, Cologne, Germany.
12. Flache, A. 2015. Invited presentation “The complexity of social integration in a diverse society: a chance and a challenge for big data?” at International Conference on Computational Social Science, June 8-11, 2015, Finlandia Hall, Helsinki, Finland.
13. Flache, A. 2015. “Negative social influence and the fragility of pluriformity in opinion formation”. Invited presentation in ETH Behavioural Studies Colloquium. April 21. Host: Prof. dr. Dirk Helbing.
14. Flache, A. 2015. Opening lecture “Social Complexity and Social Integration”, at Lorentz Workshop Socio-Economic Complexity, 23-27 March 2015, Lorentz Center, Leiden. Host: Prof. dr. Cars Hommes, UvA.



15. Flache, A. 2014. Computational models of the complexity of social integration. Presentation at Social.Path workshop “Computational Social Science and Social Computer Science: Two Sides of the Same Coin?” University of Surrey, June 23-24, 2014. Host: dr. Gert Jan Hofstede, University of Wageningen.
16. Flache, A. 2014. Modelling “real” opinion formation: a big challenge for non-equilibrium statistical physics? @EPSRC focused meeting on "Non-equilibrium statistical physics of populations in biology, economics and the social sciences" Manchester, UK, April 9, 2014. Host: dr. Tobias Galla, University of Manchester.
17. Flache, A. 2014. The weak side of informal control: counter-reward and counter-punishment in collective good games. Symposium 'Social learning and human cooperation', February 21, 2014. University of Groningen. Host: Prof. dr. Franjo Weissing.
18. Flache, A., T.H. Stark, 2013. Do we need ethnic threat effects to explain stronger ethnic homophily in schools with larger minority size? A theoretical comparison of ERG network models with actor-based process models of the formation of friendship networks. Presentation at SocLife Research Seminar University of Cologne, 27<sup>th</sup> November 2013. Host: Prof. dr. Clemens Kroneberg.
19. Flache, A. 2013. Invited presentation “Modelling segregation in and between schools”. University of Kassel, Seminar series of Center for Environmental Systems Research, January 14, 2013. Host: Andreas Ernst.
20. Flache, A., T.H. Stark. 2013. “Ethnic diversity and processes of ethnic network segregation in classroom settings” Invited presentation at KNAW colloquium “Advances in research on social integration and cultural diversity: An interdisciplinary approach”, 5-7 June 2013, Amsterdam, The Netherlands. Host: Prof. dr. Sabine Otten.
21. Flache, A. 2013. Computational comparison of an ERG network model with an actor-based process model of network segregation. Presentation in Colloquium Behavioral Studies ETH Zürich, 18<sup>th</sup> December 2013. Host Prof. dr. Dirk Helbing.
22. Flache, A. 2013. Invited presentation “Opinion formation in (complex) networks: between consensus and polarization”. Presentation at Workshop “Complexity Models for Systemic Instabilities and Crises” Lorentz Center, Leiden, April 9, 2013 at Crisis workshop Lorentz Center. Host: Prof. Cars Hommes.
23. Flache, A. **2012**. Invited presentation “Modelling segregation in and between schools”. University of Bayreuth, MODUS seminar series, January 30, 2012. Host: Rainer Hegselmann.
24. Flache, A. **2011**. Invited presentation “Comparing two theories of opinion differentiation in continuous opinion dynamics.” Presentation given at workshop on opinion dynamics and models of social influence in networks. Warwick University, April 4, 2011. Organisers: Colm Connaughton and Yasmin Merali. Mathematics Department and Mathematical Interdisciplinary Research at Warwick programme.
25. Flache, A. **2011**. Invited presentation “When intergroup contact may backfire. Micro mechanisms and unintended macro consequences of social influence and social selection.” Presentation given in Nuffield Sociology Seminar Series, Nuffield College, Oxford, May 25, 2011. Hosts: Diego Gambetta, Jon Fahlander and Thomas Grund.
26. Flache, A. **2011**. Invited presentation “The weak side of informal social control” at Conference Game Theory and Society - Models of Social Interaction in Sociological

- Research. ETH Zürich (Switzerland), July 27-30, 2011. Hosts Andreas Diekmann, Dirk Helbing, Ryan O. Murphy.
27. Flache, A. **2011**. Invited presentation “When intergroup contact may backfire. Micro mechanisms and unintended macro consequences of social influence and social selection.” at The 2011 ACED workshop, University of Antwerpen, September 29-30, 2011. Hosts: Arjen van Witteloostuijn, Christophe Boone, Diemo Urbig.
  28. Flache, A. **2010**. Invited lecture: ‘Small Worlds and Cultural Polarization’ Colloquium Behavioral Studies. ETH Zürich. Department of Humanities, Social and Political Sciences (D-GESS). Host: Prof. dr. B. Murphy. 15.12. 2010.
  29. Flache, A. **2010**. Invited lecture: ‘The complexities of social integration in a diverse society’. Three-day meeting ‘Modelling Complex Systems’ University of Manchester. Organizers dr. Tobias Galla & prof. Alan McKane. 21-23 June 2010.
  30. Flache, A. **2009**. The complexities of social integration in a diverse society. Invited presentation given at the Complexity-NET ‘Engaging with Social Science’ workshop, 14th-15th January 2009, Gouvieux-Chantilly, France.
  31. Flache, A. **2008**. Modeling integration in a diverse society: theoretical and methodological challenges. Invited paper presented at International Workshop on Challenges and Visions in the Social Sciences, ETH Zürich, August 18-23 2008. Organizer: Dirk Helbing.
  32. Macy, M.W., Flache, A. **2007**. Agent-Based Modeling. Social Order from the Bottom Up. Invited paper presented at the Nuffield Analytical Sociology Workshop, June 15-16 2007. Nuffield College, Oxford. Host: Prof. Peter Hedstrom.
  33. Flache, A. **2007**. Local Convergence and Global Diversity: The Robustness of Cultural Homophily. Invited presentation in Colloquium “Selected Challenges in the Social Sciences: Modeling and Simulation Approaches” at the ETH Zurich, Department of Humanities and Social Sciences, Chair of Sociology, in particular of Modeling and Simulation. Host: Prof. Dirk Helbing. Date: November 13, 2007.
  34. Flache, A., T.A.B. Snijders. **2006**. Die Modellierung komplexer Netzwerke Zum Nutzen agentenbasierter Modelle in der neuen Netzwerkforschung. Beitrag zum Plenum Netzwerk-Gesellschaft der Sektion "Modellbildung und Simulation" am 33. Kongreß der Deutschen Gesellschaft für Soziologie in Kassel, 9.-13. Oktober 2006
  35. Flache, A. **2006**. ‘When more contact may undermine intergroup integration. Formal models and (plans for) empirical applications’. Invited presentation at Department for Sociaal-Culturele Wetenschappen. Free University, Amsterdam, October 20, 2006.
  36. Flache, A. **2005**. Why Globalized Communication may increase Cultural Polarization. Presentation given at *2005 International Workshop Games, Networks, and Cascades, Cornell Club (NYC)*, October 7-9, 2005.
  37. Flache, A. **2005**. Wann ist Kontakt schlecht für soziale Integration? Paper presented in the „Kolloquium Soziologie“, ETH Zürich, June 14, 2005.
  38. Flache, A. **2005**. Why the internet may increase global cultural polarization. Paper presented at *Colloquium of the Royal Netherlands Academy of Arts and Sciences (KNAW), on “Trust and Cooperation in Online Interactions”*, Amsterdam, May 2-3, 2005.
  39. Flache, A. **2005**. When contact may make things worse. Social integration in diverse

groups. Presentation given at given at *Sonderforschungsbereich 504 "Rationality Concepts, Decision Making and Economic Modeling"*, University of Mannheim, February 10, 2005.

40. Flache, A. **2003**. How may virtual communication shape cooperation in a work team? A formal model based on social exchange theory. Invited paper presented at the Zif-Workshop "Trust and Community on the Internet", July 31 – August 2, 2003, Bielefeld, Germany.
41. Flache, A. **2003**. When social control may fail to solve cooperation problems: Theoretical mechanisms and empirical evidence. Invited paper presented at the Japanese European Conference on Social Networks, Utrecht, May 2003.
42. Flache, A. **2003**. Which informal networks foster which organizational solidarity? Invited paper presented at the International Conference on Rational Choice and Social Institutions, Fukuoka, Japan, September 2003.
43. Flache, A. **2002**. When Social Control May Fail to Solve Cooperation Problems. Theoretical Mechanisms and Empirical Evidence. Invited presentation in the section "*Solidarity and Social Norms – Models and Mechanisms*" at the 31. Kongress der Deutschen Gesellschaft für Soziologie in Leipzig 7.-11. Oktober 2002.
44. Flache, A. **2002**. The weak side of social control. Models and Empirical Evidence. Invited presentation at the NIAS conference "*Social Networks, Norms and Solidarity – New Approaches to Cooperation*". June 9-11, 2002. Wassenaar, The Netherlands.
45. Flache, A. **2002**. Why Social Cohesion may undermine Collective Action: Models and Experiments. Invited Lecture in *Research on Monday Seminar Series*. May 6, 2002. Faculty of Economics of the Erasmus University Rotterdam and the Tinbergen Institute.

#### **D. 6.2. Recent conference or external presentations (to be updated)**

Update: Co-author presentations held or accepted at INAS 2017, EUSN 2017, ORD 2017, ESA 2017, SRCD 2017, Workshop Beyond Schelling and Axelrod (Manchester, 2017).

1. Federico Bianchi, Andreas Flache, Flaminio Squazzoni. 2017. Solidarity and competition between collaboration partners: An agent-based computer simulation study of multiplex networks using SOAMs. Paper presented at ARS '17 - Sixth International Workshop on Social Network Analysis, 15.—17. May, Naples, Italy.
2. Federico Bianchi, Andreas Flache, Flaminio Squazzoni. 2017. Solidarity and competition: simulating social support between competing collaboration partners. Paper presented at INAS 2017 Conference of the International Network of Analytical Sociologists, 8.—9. Jun, Oslo, Norway.
3. Federico Bianchi, Andreas Flache, Flaminio Squazzoni. 2017. Solidarity and competition: simulating social support between competing business partners. Paper presented at Social Simulation Conference 2017, 25.—29. Sep., Dublin, Ireland.

4. Federico Bianchi, Andreas Flache, Flaminio Squazzoni. 2017. Solidarietà fragile. Simulazione di reti di collaborazione e solidarietà tra professionisti in competizione. Paper presented at 2nd Annual Conference of the SISEC - Società Italiana di Sociologia Economica (Italian Society of Economic Sociology), 25.—27. Jan., Milan, Italy.
5. Federico Bianchi, Andreas Flache, Flaminio Squazzoni. 2016. Does competition always undermine solidarity? Cohesion and integration of support networks among business partners. Paper presented at 4th Doctoral Workshop in Economics of Innovation, Complexity and Knowledge, 15.—16. Dec., Turin, Italy.
6. Brouwer, Jasperina; Jansen, Ellen P. W. A.; Hofman, Adriaan; Flache, Andreas. 2016. Engagement In Freshmen' Learning Communities. Paper presented at ECER 2016, held at University College Dublin, 22-26 August, 2016 Dublin.
7. Janine Weeting, Rafael Wittek, Russell Spears, Andreas Flache. 2016. Social Identity, Stereotypes, and Charitable Giving: Combined Signaling Effects on Perceived Trustworthiness. Paper presented at 50. Kongress der Deutschen Gesellschaft für Psychologie, 18.–22. Sept. 2016, Leipzig, Germany.
8. Fleur Goedkoop, Jacob Dijkstra, Andreas Flache. 2016. The role of trust and uncertainty in the start-up phase of local renewable energy initiatives: A mixed method analysis. Paper presented at 22nd International Sustainable Development Research Society Conference, 2016, 11th - 15th July, Lisbon, Portugal.
9. Flache, A. 2016. "Minority size and ethnic homophily. Preference interpretations and misspecification of ERG models". Presentation at 2nd European Conference on Social Networks (EUSN) June 14-17, 2016, PARIS. Session: Network Science and Agent-Based Models: what cooperation?
10. Thomas Feliciani, Andreas Flache, Jochem Tolsma and Michael Mäs. 2016. "Modeling opinion dynamics in a simulated city. Realistic spatial patterns of demographic attributes and the emergence of opinion polarization". Paper accepted for presentation at SOCIAL SIMULATION CONFERENCE, SSC 2016, Rome Italy. September 2016.
11. Janine C. Weeting, Rafael Wittek, Andreas Flache, Russell Spears. 2016. Trusting your promise because you are like me - identity signals in strategic decision. Paper presented at conference Social Interaction and Society. Zürich 26-28 May 2016.
12. Flache, Andreas, Dieko Bakker, Michael Mäs & Jacob Dijkstra. 2016. "The double edge of counter-sanctions. How peer sanctioning can be robust to counter-punishment but vulnerable to counter-reward." Paper presented at 9<sup>th</sup> Conference of the International Network of Analytical Sociologists. June 3 and 4, 2016 in Utrecht, The Netherlands.
13. Feliciani, T., A. Flache, J. Tolsma. 2016. "Modeling opinion dynamics in a real city. How realistic spatial patterns of demographic attributes affect the emergence of opinion polarization." Paper presented at 9<sup>th</sup> Conference of the International Network of Analytical Sociologists. June 3 and 4, 2016 in Utrecht, The Netherlands.
14. Dieko Bakker, Jacob Dijkstra, Andreas Flache. 2016. "Compliant and oppositional control in norm enforcement institutions". RC session "Experimental Approaches to the Study of the Emergence of Social Norms" (6569) at the Third ISA Forum of Sociology (July 10-14, 2016) to be held in Vienna, Austria.

15. Weeting, Janine, R. Wittek, R. Spears, A. Flache. 2016. "Identity Signaling in a Trust Game: Group Membership, Stereotypes, and Charitable Giving", RC session "Experimental Approaches to the Study of the Emergence of Social Norms" (6569) at the Third ISA Forum of Sociology (July 10-14, 2016) to be held in Vienna, Austria.
16. Feliciani, Thomas & Andreas Flache. 2015. Effects of Groups' Spatial Segregation on Processes of Opinion Polarization. Paper presented at conference Social Simulation 2015, Groningen, The Netherlands, September 14-18, 2015.
17. Brouwer, J., Jansen, E., Hofman, W., & Flache, A. (2015). The impact of social capital on early study success in first-year students. Paper presented at Junior Researchers of EARLI (JURE), Limassol, Cyprus, 25<sup>th</sup> to 29<sup>th</sup> of August 2015.
18. Brouwer, J., Jansen, E., Hofman, W., & Flache, A. (2015). Contributing factors of early academic success in social sciences' first-year students. Paper presented at 16th Biennial Conference of the European Association for Research on Learning and Instruction (EARLI), Limassol, Cyprus, 23rd and 24th of August 2015.
19. Brouwer, J., Jansen, E., Hofman, W., & Flache, A. (2015). Goed van start op de universiteit: Het belang van integratie voor de motivatie en het studiesucces in het eerste semester. Paper presented at Onderwijs Research Dagen 2015 (ORD), Leiden, Netherlands.
20. Dieko Bakker, Jacob Dijkstra, Andreas Flache. 2015. Cooperation and retaliation in collective good games: does counter-punishment really destroy cooperation? Paper presented at International Conference on Social Norms and Institutions. Model Building, Empirical Corroborations, and Applications. Congressi Stefano Franscini (CSF) of ETH Zurich, Monte Verità, Ascona 10-15 May 2015. Organizers: Andreas Diekmann, Ernst Fehr, Ryan Murphy, Roberto Weber.
21. Andreas Flache, Ilva Veul, Simon Venema. 2015. PVV en SP: ideologische tegenstanders met dezelfde voedingsbodem? Paper presented at the "Dag van de Sociologie", 27 May 2015, Amsterdam, The Netherlands.
22. Brouwer, J., & Jansen, E. (2014). De relatie tussen pre-entry attributen, motivatie, studiegedrag en academisch presteren van eerstejaars studenten in het hoger onderwijs. Paper presented at Onderwijs Research Dagen 2014 (ORD), Groningen, Netherlands.
23. Stoica, V.I., A. Flache, M. van Duijn, M. Huisman. 2014. Modeling and testing competing accounts of school segregation. Schelling-type preference dynamic or (simply) a consequence of residential segregation? Paper presented at 7<sup>th</sup> Annual Meeting of the International Network of Analytical Sociologists. 6-7 2014, Mannheim, Germany.
24. Michael Mäs, Andreas Flache and James Kitts. 2014. Being Different vs. Being Special. A Simulation Study on the Macro-effects of Alternative Differentiation Mechanisms. Paper presented at 109th Annual Meeting of the American Sociological Association, San Francisco 2014 (Section on Mathematical Sociology paper session).

25. Michael Mäs, Andreas Flache and James Kitts. 2014. Being distinct vs. being special. An agent-based model on the macro-effects of alternative social differentiation mechanisms. presented at Social Mechanisms Workshop. Düsseldorf, 2014.
26. A. Grow, A. Flache, & R. Wittek. 2013. "Regional Clustering of Status Beliefs – An Explanation Based on Status Construction Theory" 2013 Annual Meeting of the American Sociological Association (ASA), New York, U.S.A.
27. A. Grow, R. Wittek, & A. Flache. 2013. "When Do They Cherish Merit? Status and Interdependence in Work Teams". Advances in Rational Choice Research - Preconference of the Rationality and Society Section of the 2013 Annual Meeting of the American Sociological Association (ASA), New York, U.S.A.
28. A. Grow, A. Flache, & R. Wittek: 2013. "Regional Clustering of Status Beliefs – An Explanation Based on Status Construction Theory". International Network of Analytical Sociologists (INAS) Conference, Institute for Future Studies, Stockholm, Sweden.
29. A. Grow, A. Flache, & R. Wittek. 2013. "Regional Clustering of Status Beliefs – An Explanation based on Status Construction Theory". Colloquium of the Department of Sociology of the Corvinus University of Budapest, Hungary
30. Michael Mäs, Andreas Flache, Károly Takács, and Karen Jehn. 2012. In the short term we divide, in the long term we unite. presented together with at 36th Congress of the German Sociological Association (DGS), section on Model building and Simulation, Bochum, 2012.
31. Flache, Andreas. 2012. Negative ties and the fragility of pluriformity in opinion formation. A formal modeling study. Paper presented at workshop "Negative Ties and Social Networks", Budapest 19-20 April 2012.
32. Munniksmä, A., Stark, T. H., Flache, A., & Veenstra, R. (2012). *Immigrant parents' influence on their children's outgroup friendships: Effects of what parents say and do*. Society for Research on Adolescence, Biennial Meeting, Vancouver, Canada. (co-organized symposium, presentation)
33. Munniksmä, A., Verkuyten, M., Stark, T. H., Flache, A., & Veenstra, R. (2012). *Direct and extended intergroup contact within a new social setting*. Society for Research on Adolescence, Biennial Meeting, Vancouver, Canada. (poster)
34. Munniksmä, A., Stark, T. H., Veenstra, R., Flache, A., & Verkuyten, M. (2012). *Minority students' minority group friendships, group identification, and outgroup attitudes*. Society for Research in Child Development, Themed Meeting: Positive Development of Minority Children, Tampa, USA. (poster)
35. A. Grow, A. Flache, & R. Wittek. 2012. "Regional Clustering of Status Beliefs – An Explanation based on Status Construction Theory". Colloquium of the Department of Sociology of the Eidgenössische Technische Hochschule Zürich, Switzerland.
36. A. Grow, A. Flache, & R. Wittek: 2012. "Regional Clustering of Status Beliefs – An Explanation Based on Status Construction Theory". U4 SONaR PhD workshop of the Department of Sociology of the University of Groningen and the Department of Sociology of the University of Ghent, Belgium.



37. Grow, André, Andreas Flache, and Rafael Wittek. 2011. For what do we owe respect? Status construction from social influence in value perceptions of individual qualities. Presentation at the Symposium of the ISA Research Committee RC45 Rational Choice, 15th of May 2011, Groningen.
38. Grow, A., Flache, A. & R. Wittek. 2011. "Informal Status Hierarchies in Work Groups - Moving from Single to Multiple Individual Qualities". Paper presented at XXXI Sunbelt Social Networks Conference, St. Pete Beach, United States. February 2011.
39. Stark, T.H., Flache, A. 2011. "The Common Interest Trap: Ethnic Segregation as Unintended Byproduct of Opinion Homophily". Paper presented at Dag van de sociologie (annual meeting of the Dutch Sociological Association), Gent, Belgium, May 2011.
40. Stark, T.H., Maes, M., Flache, A. 2011. "The diffusion of behavior in clustered networks: the complex effects of infection thresholds". Paper presented at XXXI Sunbelt Social Networks Conference, St. Pete Beach, United States. February 2011.
41. Maes, M., A. Flache, D. Helbing. 2011. "The persistence of a pluralistic society in continuous models of opinion dynamics." Paper presented at XXXI Sunbelt Social Networks Conference, St. Pete Beach, United States. February 2011.
42. Maes, M., A. Flache. 2011. "Differentiation without distancing. Explaining opinion bipolarization without assuming negative influence." Paper presented at Regular Session Group Processes II. Processes of Integration and Disunity. 106th Annual Meeting of the American Sociological Association, Las Vegas, August 20-23.
43. Maes, M., J. Kitts, A. Flache. 2011. Social differentiation and diversity in social networks. Paper presented at 106th Annual Meeting of the American Sociological Association, Las Vegas, August 20-23 (Thematic Session. Conflict and Cooperation in Social Networks).
44. Munniksmma, A., Flache, A., Verkuyten, M., & Veenstra, R. 2011. "Parental acceptance of interethnic relations." Poster presented at Society for Research in Child Development, Biennial Meeting, Montreal, Canada. April 1, 2011. Flache, A. & M.W. Macy. (2010). 'Small Worlds and Cultural Polarization'. Paper presented in Section on Rationality and Society Invited Session "New Approaches to the Micro-Macro Link". American Sociological Association Annual Meeting, August 14, 2010, Atlanta.
45. Maes, M., Flache, A. & D. Helbing. (2010). 'The Persistence of a Pluralistic Society in Continuous Models of Opinion Dynamics'. Paper presented at Regular Session. Mathematical Sociology II. American Sociological Association Annual Meeting, August 16, 2010, Atlanta.
46. Munniksmma, A., Flache, A., Veenstra, R. & Verkuyten, M. (2010). 'Weerstand van Turkse en Nederlandse Ouders Tegen Interetnische Contacten van Kinderen'. Paper presented at Dag van de Sociologie 2010. Sessie 9.2. 'Kinderen en familie'. Groningen, 10. Juni 2010.
47. Grow, A., R. Wittek, & A. Flache. (2010). 'The Effects of Status Competition on Performance in Functionally Diverse Teams - Insights from an Agent Based

- Computational Model'. Paper presented at the 2010 PhD workshop of the Antwerp Centre of Evolutionary Demography (ACED), Antwerpen, Belgium. September 23-24.
48. Flache, A., M.W. Macy. 2009. Local convergence and global diversity: from interpersonal to social influence. Paper presented at the Fall Meeting of the Deutsche Gesellschaft für Soziologie in Groningen, Netherlands, September 24-25, 2009.
  49. Grow, A., A. Flache. 2009. A faultline model based on self-categorization theory: how uncertainty moderates the effect of demographic faultlines on opinion formation processes in work teams. Paper presented at the Fall Meeting of the Deutsche Gesellschaft für Soziologie in Groningen, Netherlands, September 24-25, 2009.
  50. Mäs, M., A. Flache. 2009. The Emergence and Dissemination of Extremism. Paper presented at the Fall Meeting of the Deutsche Gesellschaft für Soziologie in Groningen, Netherlands, September 24-25, 2009.
  51. Mäs, M. A. Flache. 2009. "Polarization in Groups with high Demographic Diversity". Presentation at the XXIX International Sunbelt Social Network Conference at San Diego, U.S.A, March 10 to March 15, 2009.
  52. Stark, T.H., A. Flache. 2009. "Ethnic Segregation as Unintended Byproduct of Homophily". Presentation at the XXIX International Sunbelt Social Network Conference at San Diego, U.S.A, March 10 to March 15, 2009.
  53. Flache, Andreas; Michael W. Macy. 2008. "Local Convergence and Global Diversity: From Interpersonal to Social Influence." Paper presented at 103rd Annual Meeting of the American Sociological Association. Session "Mathematical Sociology". Boston, August 2, 2008.
  54. Flache, Andreas; Tobias Stark. 2008. Preference or opportunity? Why do we find more friendship segregation in more heterogeneous schools? Paper presented at 103rd Annual Meeting of the American Sociological Association. Session "Social Networks and Homophily". Boston, August 4, 2008.
  55. Mäs, Michael; Andreas Flache and Károly Takács. 2008. "The Bridge over the Faultline. How crisscrossing actors prevent network segregation in diverse work teams". Paper presented at Sunbelt XXVIII International Sunbelt Social Network Conference St. Pete Beach, FL January 22-27, 2008.
  56. Stark, Tobias; Michael Mäs; Andreas. 2008. "Homophily and Heterophobia in School Classes". Paper presented at Sunbelt XXVIII International Sunbelt Social Network Conference St. Pete Beach, FL January 22-27, 2008.
  57. Flache, Andreas; Tobias Stark. 2008. Preference or opportunity? Why do we find more friendship segregation in more heterogeneous schools? Paper presented at the 7th Workshop on Networks in Economics and Sociology: Dynamic Networks. Organizers: Vincent Buskens, Rense Corten & Stephanie Rosenkranz. Utrecht June 19, 2008.
  58. Mäs, Michael; Andreas Flache and Károly Takács. 2008 Faultlines and Polarization. The neglected Effects of Crisscrossing work team members. Paper presented at 2008 Annual Meeting of the Academy of Management. Session "A Faultline Perspective on Diversity in Teams". Anaheim, California, August 11, 2008.

59. Mäs, M. A. Flache. 2007. The later, the better? Modeling effects of relationship timing on social cohesion in demographically diverse teams. Presentation at the XXVII International Sunbelt Social Network Conference at Corfu, Greece, May 2007.
60. Takács, K. A. Flache, M. Mäs. 2007. Network Games of Social Influence. Presentation at the XXVII International Sunbelt Social Network Conference at Corfu, Greece, May 2007.
61. Back, I., A. Flache. 2007. Commitment and Networking under Uncertainty. Poster Presentation at the XXVII International Sunbelt Social Network Conference at Corfu, Greece, May 2007.
62. Flache, A., Macy, M.W. (2006). 'Why more contact may increase cultural polarization'. Paper presented at 101st American Sociological Association Annual Meeting. Session Mathematical Sociology I. Montreal, Canada, August 14.
63. Flache, A. (2006). 'Non-standard micro-assumptions and the robustness of macro-hypotheses: a challenge for rational choice theory?'. Invited presentation at the ICS Symposium Rational Choice Social Research. Empirical Insights, Theoretical Advances and Current Controversies, Groningen, November 10-11, 26.
64. Flache, A. (2006). 'Why more contact may increase cultural polarization'. Invited presentation at QMSS Seminar Networks and Behavior: Statistical Models and Advances in the Theory of Action. Groningen, September 14-15, 2006.
65. Back, I., A. Flache. 2005. The Evolution of Cooperation based on Interpersonal Commitment. Paper presented at the Third Conference of the European Social Simulation Association, Koblenz, September 5-9.

### **D.6.3. Inaugural lecture**

Andreas Flache. 2014. De complexiteit van sociale samenhang. Oratie gehouden op 20 mei 2014, Rijksuniversiteit Groningen. (Inaugural lecture "The complexity of social integration". Delivered at the University of Groningen, May 20, 2014.)

## **E Academic career and work experience since graduating**

### **E.1 Academic career**

(per appointment: ft units, tenured term / fixed-term (temporary))

*1/1997-5/1999. Fixed term.* 1.0 fte. Postdoc at the Department for Philosophy, University of Bayreuth, Germany. Research Project: "The dynamics of social-dilemma situations", financed by the German Science Foundation (DFG).

*7/1999-7/2002. Fixed term.* 1.0 fte. Research fellow of the Royal Netherlands Academy of Arts and Sciences, postdoc at the ICS, University of Groningen. Research project: "Network embeddedness and group solidarity: when do they come together?".

7/2002-7/2004. *Fixed term*. 1.0 fte. Senior research fellow of the Royal Netherlands Academy of Arts and Sciences, postdoc at the ICS, University of Groningen. Prolongation of project granted in 7/2002 until 7/2004: "Network embeddedness and group solidarity at work".

7/2004-5/2008. *Tenured term*. 1.0 fte. Assistant professor at the department of sociology, University of Groningen. Promoted to Associate Professor in 2006.

2005-2010. Principal researcher of NWO-VIDI project "The importance of timing and structure: modelling effects of interpersonal contacts on social cohesion in diverse groups."

5/2008-12/2012. Professor (Adjunct Hoogleraar) of Sociology, with particular attention for modeling of norms and networks.

1/2013-now. Full Professor of Sociology. Chair "Modelling norms and networks".

## E.2 Research grants and honors

### E. 2.1. Grants and fellowships, financed, principal applicant

1. Research fellowship of the Royal Netherlands Academy of Arts and Sciences **1999-2002**, ca. 150 K€. (PI)
2. Second research fellowship of the Royal Netherlands Academy of Arts and Sciences **2002-2004**, ca. 150 K€. (PI)
3. Personal grant to applicant from strategic personnel fund of the faculty of Behavioral and Social Sciences, RUG. 80 K€. (PI)
4. NWO-VIDI grant for project "The importance of timing and structure: modeling effects of interpersonal contacts on social cohesion in diverse groups." **2005-2010**. 600k€. (PI)
5. ORA project "Towards realistic computational models of social influence dynamics (ToRealSim)" – Granted 2018, 1.2 M€ (main applicant). Financed by NWO, DFG, ANR, ESRC.

### E.2.2. Further research proposals as principal applicant or leading author

1. NWO Onderzoekstalent **2012**. Principal applicant of proposal "Herding cats in the cloud". (Evaluated as "good", not funded).
2. NWO Onderzoekstalent **2011**. Principal applicant of proposal "The effects of externalities of social dilemmas on cooperation in social dilemmas" (main authors Jacob Dijkstra en Jaap Oude-Mulder). Not selected in preselection.
3. NWO-Complexity. **2010**. Principal applicant and author of proposal "The complexity of school-segregation". Selected in pre-selection and **evaluated as "subsidiabel" in final round**, not financed.
4. NWO open competition **2009**. Principal applicant of proposal "Ethnic Integration of

Pre-Adolescents in Multi-Ethnic Schools: The Role of Parents.” Not selected in pre-selection.

5. Grant-proposal for Ph.D. project at NWO-PROO **2004** (re-submitted in 2005): Computersimulation of ethnical segregation. With R. Veenstra. Submitted application round 2004 – file number 411-04-603. **Evaluation “A”** in 2004, 2005. Not financed.
6. Main author of proposal “The Evolution of Social Rationality” **2002**. Grant-proposal for single Ph.D. project in NWO programme “Evolution and Behaviour” - file number: 051-12-037 (main applicant Lindenberg, co-applicants Flache, Macy, De Vos, Buskens). Selected in preselection, **“subsidiabel” in final round**. Not financed.
7. Flache, A. **2002**. “Solidarity at work and informal networks within semi-virtual teams”. Grant-proposal for Ph.D. project in NWO programme “*Society and ICT*” (MES) – file number: 014-43-722 (main applicant Wittek, co-applicants Flache, De Vos, Matzat). **Positively evaluated in preselection**. Not financed.

### E 2.3 Co-authorship of externally financed research proposals (selected)

1. Co-applicant of financed NWO-gravity proposal SCOOP: Sustainable Cooperation, Roadmaps to a Resilient Society (PI: Rafael Wittek, RuG). 18,8M€. (Core co-applicants: Ellemers, Spears, Van Hees, Van Bavel, Van der Lippe. Flache is one of 12 “other co-applicants”, he is leading or co-leading 5 subprojects).
2. Co-applicant BIGSSS Summer Schools in Computational Social Science: Datadriven Modelling of Migration, Social Cohesion, and Conflicts. (242 k€). PI Jan Lorenz, Jacobs University, Bremen.
3. **2015**. Co-author and co-applicant of research proposal for NWO PhD talent grant. “Clashrooms: Interethnic Peer Relationships in Classrooms in the Philippines and the Netherlands” (main application prof. dr. René Veenstra). Financed by BSS PhD fund. PhD candidate Marianne Hooijsma.
4. **2014**. Co-author and co-applicant of research proposal for internal selection of PhD talent grant. “Cooperation in Normatively Ambiguous Situations (with Jacob Dijkstra)”. Selected in internal competition BSS for funding from NWO graduate program grant. PhD candidate Dieko Bakker.
5. Graduate Programme Application Interuniversity Center for Social Science Theory and Methodology (ICS) – **2009**. Principal applicant: Rafael Wittek. (ca. 800 K€)
6. Grant for subproject within project grant acquired via the ISW from the GOW (Gezamenlijk overleg wonigbouw corporaties Arnhem). **2005**. Flache was lead author of subproject description in application. Title of the subproject: School politics and the ethnic integration within dutch secondary schools. (ca 200 k€ for subproject, 4 year Ph.D. position). Principal applicant of overarching project: Karin van Oudenhoven-van der Zee.

### E. 2.4 Co-authorship of further proposals

1. **2016**. Co-author and co-applicant of proposal “CoMeFair: Fairness, integration, and cohesion in technologically-mediated socially-sensitive decisions”. Proposal

- submitted for call H2020- FETPROACT-2016-RIA (Research and Innovation Action). Overall budget: M€ 4.5, RuG part: K€ 558. Main author: Prof. Salvatore Ruggieri, Università di Pisa, Italy. *Overall score 4.7 / 5*. Placed on reserve list.
2. **2015**. Co-author and co-applicant of proposal “CoMeFair: Fairness, integration, and cohesion in technologically-mediated socially-sensitive decisions”. Proposal submitted for call H2020-FETOPEN-2014-2015-RIA (Research and Innovation Action). Overall budget: M€ 3.29, RuG part: K€ 480.7. Main author: Prof. Salvatore Ruggieri, Università di Pisa, Italy. Evaluated “very good” to “excellent” on all criteria. Not financed.
  3. **2015**. Co-author and co-applicant of research proposal for NWO PhD talent grant. “Bottom-Up Energy Transitions: Households or Communities?” (with Jacob Dijkstra). Selected in NWO preselection (80 out of 335 selected). PhD candidate Fleur Goedkoop. Not financed by NWO (financed internally by Department of Sociology).
  4. Co-applicant in ICT 7-8-9 FET Proactive proposal “HACS – Hierarchical Aggregation of Complex Systems”. (**2012**) Main applicant Robert MacKay, Warwick University. Evaluated as “good”. Not financed.
  5. Co-applicant in proposal for Erasmus Mundus Joint Doctorate Program (EMJD). “TASCS – Technological and Social Complex Systems”. (**2011**). Main applicant: Robert MacKay, Warwick University. Not financed in 2011 round. Evaluated as “**proposal of good quality**”. Resubmitted in 2012.
  6. Co-applicant for NWO-MagW Open Competition proposal “One for the price of two? The effect of status incentives on effort allocation in multitask organizational settings.” (**2010**). Not financed. Main applicant: Rafael Wittek.
  7. Co-applicant for NWO-MagW Open Competition proposal “Unintended segregation? Modelling schoolsegregation as the unintended outcome of a micro-macro interaction” (**2010**). Not financed. Main applicant: Mark Huisman.
  8. Participant in FP6-2005-NEST-PATH proposal “Global culture” (**2006**). Main applicant Angél Sanchez. Not financed.
  9. Participant for RuG (with Tom Snijders) in FP6-2003-NEST-Path proposal „Netcomses: Network approach to explain complexity in social and economical sciences“ (**2004**). Main applicant: Fulop Baszo. **Evaluation „good“**. Not financed.
  10. Co-applicant of NWO-open competition proposal “The evolution of commitment” (**2004**). Main applicant: Henk de Vos. Not financed.

### E.3 Honors

Anatol-Rapoport-Award 2012 for best paper of section on Model building and social simulation of the German Sociological Association (DGS), for the paper: Maes, M., Flache, A., Takács, K. & Jehn, K. 2012. In the short term we divide, in the long term we unite: Demographic crisscrossing and the effects of faultlines on subgroup polarization. Organization Science.

Best article award faculty member 2007-2011 by section “Evolution, Biology, and Society” of American Sociological Association for István Back and Andreas Flache



(2011). Paper awarded: István Back and Andreas Flache. 2008. "The Adaptive Rationality of Interpersonal Commitment". *Rationality and Society* 20:65-83.

Best poster award (with Michael Maes) at International Workshop on Challenges and Visions in the Social Sciences, ETH Zürich, August 18-23 2008.

#### **E.4 Supervision of Ph.D. projects**

Since 2000, member of supervision committee of 10 Ph.D. projects in the ICS program with substantial share of daily supervision in all projects, main advisor in 5 projects (Back, Mäs, Stark, Munniksmä, Stoica). 4 supervised Ph. D. projects in which Flache was promotor or main advisor have been successfully completed at this point.

*The status "promotor" was before 2008 not eligible because Flache did not have the ius promovendi at that time.*

*Supervised Ph.D. theses successfully defended:*

Van Niejenhuis, C. (2017). "I speak, thus I belong? The role of second language proficiency in immigrants' integration in the host society". Promotors: Otten, van der Werf, Flache. Defended at University of Groningen October 9, 2017.

Brouwer, J. (2017). "Connecting, interacting and supporting. Social capital, peer network and cognitive perspectives on small group teaching." Promotors: Hofman & Flache. Defended at University of Groningen May 22, 2017.

Grow, A. (2016). "Status Competition: Blessing or Curse?" Promotors: R. P. M. Wittek (RUG), A. Flache (RUG). Defended at University of Groningen January 11, 2016.

Muñoz-Herrera, E. M. (2015). "The Impact of Individual Differences on Network Relations." Promotors: R. P. M. Wittek (RUG), A. Flache (RUG), co-promotor (&daily supervisor) J. Dijkstra (RUG). Defended at University of Groningen February 5<sup>th</sup>, 2015.

Munniksmä, A. (2013). "Crossing ethnic boundaries: Parental resistance to and consequences of adolescents cross-ethnic peer relation." Promotors: A. Flache (RUG), R. Veenstra (RUG), M. Verkuyten (UU). Defended at University of Groningen January 17, 2013.

Stark, Tobias H. (2011). Integration in schools: a process perspective on students' interethnic attitudes and interpersonal relationships, University of Groningen, September 8, 2011. Promotors: A. Flache (RuG), R. Bosker (RuG) en R. Veenstra (RuG). Cum Laude.

Mäs, Michael. (2010). The diversity puzzle. Explaining clustering and polarization of opinions.

University of Groningen, November 15. Promotores: Flache, A. (RUG), Wittek, R.P.M. (RUG), Raub, W. (UU), K. Takács (Corvinus University Budapest)

Back, Istvan. 2007. 'Evolution and Commitment'. Promotor: Snijders, Copromotors: **Flache**, De Vos. Defended September 17 at University of Groningen.

Lambooi, Mattijs. 2005. "Promoting cooperation. Studies into the effects of long-term and short-term rewards on cooperation of employees". Defended November 22, 2005, at Utrecht University. Promotors Sanders, Siegers, Copromotors: **Flache**, Van Emmerik).

Smaniotto, Rita C. 2004. 'You scratch my back and I scratch yours versus Love thy neighbour'. Defended November 11 at University of Groningen. (Promotors: Stokman, Buunk, Copromotors: De Vos, **Flache**

Takács, Karoly. 2002. 'Social Networks and Intergroup Conflict'. Defended May 30, University of Groningen. Promotors: Stokman, Liebrand. Copromotors: Popping, **Flache**.

*Supervised Ph.D. projects not yet completed:*

de Matos-Fernandes, Carlos Antonio. "The Link between Cooperation and Social Networks. Exclusion or Stimulation of Defectors?" Promotor (daily supervisor): Flache. Co-promotor J. Dijkstra (started 2018, to complete 2022).

Keijzer, Marijn. "Will the personalization of online social networks intensify opinion polarization?" Promotor: Flache. Co-promotor (and daily supervisor): M. Maes. (started 2016, to complete 2020).

Goedkoop, F. "Bottom-Up Energy Transitions: Community Success Conditions and Pitfalls". Promotor: Flache. Co-promotor (and daily supervisor): J. Dijkstra. (started 2015, to complete 2019).

Hooijmsa, M. Clashrooms: "Interethnic Peer Relationships in Classrooms in the Philippines and the Netherlands". Promotores: Veenstra, Flache. Co-promotores: Dijkstra, Huitsing (started 2015, to complete 2019).

Bakker, D. "Cooperation in normatively ambiguous situations". Promotors: Flache, Wittek. Co-promotor (and daily supervisor): J. Dijkstra. (started 2014, to complete 2018).

Feliciani, Th. "Electoral support for right-wing parties and local ethnic heterogeneity: modelling the macro-micro link" Promotor: A. Flache. Co-promotors: Mäs, Tolsma, Van Duijn. (started 2014, to complete 2018).

Weeting, J. “Identity Signaling and Sustainable Cooperation”. (promotor together with Wittek and Spears) (started 2013, to complete 2017)

Zwinkels, T. “Pathways to power: Political Careers and Political Networks in the Netherlands” Promoters: Mills, Flache. (started 2012, to complete 2017).

## **E.5 Further (International) activities**

### **E.5.1 Research visits**

- 1993 Kellogg Graduate School of Management, Northwestern University, Evanston, Illinois. 2 Month. Host: Prof. David Messick.
- 1994 Department of Sociology, Brandeis University, Waltham, Massachusetts. 3 Month. Host: Prof. M.W. Macy.
- 1996 CNR, Department of Cognitive Sciences, University of Rome. 1 Month. Host: Prof. R. Conte.
- 2001 Department of Sociology, Cornell University, Ithaca, N.Y. 3 Month. Host: Prof. M.W. Macy
- 2004 Department of Sociology, Cornell University, Ithaca, N.Y. 2 Weeks. Host: Prof. M.W. Macy, 2 weeks
2005. University of Mannheim, Sonderforschungsbereich 504 "Rationality Concepts, Decision Making and Economic Modeling", Host: V. Stocke (U Mannheim). 1 week.
- 2005 Department of Sociology, Cornell University, Ithaca, N.Y. 3 Weeks. Host: Prof. M.W. Macy.
- 2010 Invited 1-month research visit (January) to the Department of Sociology, Modelling and Simulation at ETH Zürich, Switzerland.
- 2018 Invited 1-month research stay (March) at Nuffield College, Oxford, UK. Host: Prof. dr. Nan Dirk de Graaf.

### **E.5.2. Research visits of international guests hosted by Flache**

- 2018 Amalia Alvarez. PhD student at Fabian Winter's research group “Mechanisms for normative change” in the Max Planck Institute for Research on collective Goods, Bonn, Germany. One month stay in research group Andreas Flache.
- 2016-2017 Lucas Sage, M.Phil sociology at ENS Cachan. ENS-financed transition year in Groningen.
- 2016 Federico Bianchi. Visiting PhD student (University of Brescia, Italy). September-November, 2016.
- 2016 Alessandro Baroni. Visiting PhD student (University of Pisa, Italy). April-May, 2016.
2016. Prof. dr Frank Kalter, dr Lars Leszczensky. University of Mannheim. Visiting

- lecturers ICS master class 2016.
2015. Ali Zackery (Msc, PhD Candidate of Futures Studies). University of Tehran - Department of New Sciences and Technologies. Research visit to work on proposal "Evaluation and exploration of contribution of complexity sciences to future thinking and its implications to futures studies." (September – December 2015).
2014. Dr. Michael Mäs. ETH Zürich. Presentation in Sociology Colloquium University of Groningen, Department of Sociology, September 30, 2014. "Random deviations and the micro-macro-problem".
2014. Professor Hilton L Root. Professor of Public Policy at George Mason University and Visiting Senior Research Professor at King's College London. Presentation in Sociology Colloquium University of Groningen, Department of Sociology, May 28, 2014. "The Myth of Global Convergence: Why Objectively Inferior Choices Persist".
2014. Professor Rainer Hegselmann. University of Bayreuth, Department of Philosophy & Economics. Presentation in workshop "Formal models of collective opinion dynamics", Departments of Sociology and Philosophy, University of Groningen, 19.05. 2014. Title presentation: "Bounded Confidence, Radical Groups and Charismatic Leaders".
2011. Professor Dan McFarland, Stanford University. Visit defence Tobias Stark and participation related workshop.
- 2011 Professor Yutaka Nakai. Faculty of Systems Engineering and Science at the Shibaura Institute of Technology, Japan. Visit for research collaboration.
2010. Professor Dirk Helbing ETH Zurich. Visit defence Michael Maes and participation related workshop.
- 2010 Jan Lorenz. Center for Social Science Methodology, University of Oldenburg.
- 2003 Ma. J. Pujol, University of Barcelona, Artificial Intelligence Department. 6 month.
- 2003 Prof. Macy, Cornell University. 3 month.
- 2002 Prof. Macy, Cornell University. 0.5 month.

## **E.6 Memberships of committees, editorships, etc.**

### **E.6.1. International (to be updated)**

- Update: PC member of ODCD 2017, SocInfo 2017, Social Simulation 2017, ic2s2 2017, Biggs summer school expert call 2018.
- Senior member of program committee SocInfo16, 8th International Conference on Social Informatics. Seattle, WA (USA), November 2016.
- Member scientific committee Social Simulation 2016, Rome, Italy.
- Scientific co-organizer INAS (9<sup>th</sup> Conference of the International Network of Analytical Sociologists). June 3 and 4, 2016, Utrecht, The Netherlands.
- Scientific Co-organizer of Lorentz Workshop Socio-Economic Complexity. 23-27 March 2015, Lorentz Center, Leiden.
- Scientific Co-organizer of Social Simulation 2015. The Eleventh Conference of the

European Social Simulation Association. September 14 to 18, Groningen, The Netherlands.

- Co-organizer of Third seminar Groningen Center for Social Complexity Studies. June 27, 2014, University of Groningen.
- Flache, A. 2014. Invited presentation “Agent based models of opinion formation” at 2<sup>nd</sup> meeting of COMMITTEE ON ASSESSMENT OF AGENT-BASED MODELS TO INFORM TOBACCO PRODUCT REGULATION. National Academy of Sciences, Washington, DC. April 17-18, 2014.
- Organizer of Section on Rationality and Society Paper Session. Sustainable Cooperation and Individual Interests in a Changing World. August 16, 2014. Annual Meeting 2014 of American Sociological Association, San Francisco, U.S.A.
- Chair and chair-elect of section *Rationality and Society* of American Sociological Association (term 2013-2014).
- Senior member of programme committee Socinfo 2014 The 6th International Conference on Social Informatics. Barcelona, 10-13 November 2014.
- 2014 Member programme committee ECCS 2014 Satellite workshop CODYM. “CULTURAL AND OPINION DYNAMICS” MODELING, EXPERIMENTS AND CHALLENGES FOR THE FUTURE. 24th SEPTEMBER 2014 Lucca, Italy.
- 2013 Member programme committee ECCS 2013 Satellite workshop CODYM. “CULTURAL AND OPINION DYNAMICS” MODELING, EXPERIMENTS AND CHALLENGES FOR THE FUTURE. 18th SEPTEMBER 2013 Barcelona, Spain.
- 2013. Invited participant of Lorentz Center workshop “Gossip and the Management of Reputation: the Intersection between the Social, the Natural and the Computational Sciences”, 26 Aug - 30 Aug 2013. Lorentz Center International Center for workshops in the Sciences. Leiden, The Netherlands. Host: Prof. dr. Wittek.
- 2013. Member advisory board of Social Complexity of Immigration and Diversity (SCID) project University of Manchester, UK. Participation in SCID SCID Steering Group Meeting, 25th October 2013, University of Manchester. Host: Edward Fieldhouse.
- Invited participant of Workshop “Complexity Models for Systemic Instabilities and Crises” Lorentz Center, Leiden, April 8-15, 2013 at Crisis workshop Lorentz Center. Host: Prof. Cars Hommes.
- Member programme committee 5th International Conference on Social Informatics (SocInfo 2013), Kyoto, Japan, November 25 -27, 2013.
- Since 2013: Member of steering committee of “The International Conference on Social Informatics”, chair Professor Adam Wierzbicki, Polish-Japanese Institute of Information Technology.
- Co-chair of conference SocInfo 2012 – 4<sup>th</sup> International Conference on Social Informatics, 5-7 December Lausanne, Switzerland (chair Karl Aberer).
- Member of FuturICT Netherlands. Coordinator of FuturICT at University of Groningen. Co-leader of focus area 2 in European FuturICT project group.
- Member advisory board of Social Complexity of Immigration and Diversity (SCID)

project University of Manchester, UK. Participation in SCID Programme Review, 27th & 28th October 2011, University of Manchester. Host: Edward Fieldhouse.

- Invited participant of Author's colloquium in honour of Elinor Ostrom. Center for Interdisciplinary Research, University of Bielefeld, Germany. November 17, 2011. Organizers: Prof. Dr. Herbert Dawid and Prof. Dr. Hartmut Kliemt.
- Member programme committee of Social Mobile Web (SMW'11) workshop. 17th-21st July, Barcelona, Spain.
- Member award committee for Best Article Award of section Rationality & Society of American Sociological Association 2011.
- Conference Programme Committee Member European Conference on Complex Systems 2012, Satellite Workshop Cultural and opinion dynamics: Modeling, Experiments and Challenges for the future. (CODYM 2012).
- Conference Programme Committee Member European Conference on Complex Systems 2011, Vienna, Satellite Workshop Cultural and opinion dynamics: Modeling, Experiments and Challenges for the future. (CODYM 2011).
- Organizer of the fall meeting of the Section on Modelbuilding and Simulation of the German Sociological Association (DFG), held in Groningen, 24/25 September 2009.
- Member of program committee of Fifth ESSA Conference (European Social Simulation Association), to be held in 2008.
- Council member of Section Rationality & Society of American Sociological Association (ASA), 2006-2008.
- Member of Award Committee for Best Paper Award – Mathematical Sociology Section of the American Sociological Association - 2007
- Member of program committee of M2M 2007 - Third International Model-to-Model Workshop (M2M 2007) - Marseille, France, 2-3 April, 2007.
- Member of program committee of Fourth ESSA Conference (European Social Simulation Association), to be held in Toulouse, France, September, 10-14, 2007
- Member of Program Committee of WCSS06 - First World Conference on Social Simulation, in Kyoto, Japan, August 21-25, 2006.
- Member of program committee of 2 workshops on "Epistemological Perspectives on Simulation" (EPOS), Koblenz, Germany (2004) and Brescia, Italy (fall 2006).
- Member of organizational committee and program committee of the *First Conference of the European Social Simulation Association*. Groningen, The Netherlands, September 18-21, 2003. Together with: Jager, W., Zoethout, K. (RUG), Janssen M., Indiana University.
- Organizer *First International Workshop on Solidarity and Prosocial Dispositions*, Schiermonnikoog, The Netherlands, March 2002. Together with Veenstra, R. (RUG).
- Associate editor *Advances in Complex Systems* (World Scientific), since 2007.
- Member editorial board *Journal of Artificial Societies and Social Simulation* 2001-



2014.

- Reviewer for international peer reviewed journals
  - 2017: American Sociological Review, PLoS One, Policy Studies, Scientific Reports, Journal of Economic Interaction and Coordination, Social Psychological and Personality Science.
  - 2016: PLoS One, American Journal of Sociology, Journal of Mathematical Sociology, Social Networks, Journal of Economic Interaction and Coordination, Journal of Environmental Psychology, The Social Science Journal.
  - 2015: Journal of Mathematical Sociology, PNAS, Educational Research and Evaluation, Journal of Environmental Psychology, Wiley Interdisciplinary Reviews: Computational Statistics, ...
  - 2014: Journal of Communication, American Journal of Sociology, Wiley Interdisciplinary Reviews: Computational Statistics, Advances in Complex Systems, European Sociological Review, PLoS One, American Sociological Review (2).
  
- Before 2014: Advances in Complex Systems, American Journal of Sociology, Sociology of Education, Rationality and Society, Journal of Mathematical Sociology, Journal of Mathematical Psychology, Journal of Artificial Societies and Social Simulation, SCS Transactions - Applications of Modeling and Computer Simulation, Social Networks, Sociological Methods & Research, Kölner Zeitschrift für Soziologie und Sozialpsychologie, European Sociological Review, Computational and Mathematical Organization Theory, Zeitschrift für Soziologie.
  
- Reviewer for grant applications (to be updated)
  - 2015: NWO, Lorentz Center
  - 2014: Application for the Research Council of KU Leuven
  - Before 2014: NWO, National Science Foundation (NSF), Swiss National Science Foundation, Israel Science Foundation (ISF)
  
- Examiner (NL: lid van de leescommissie) in dissertation committees:
  - 2018: Mala Silitonga (RuG), Nynke Niezink (RuG)
  - 2017: Pouria Ramazi (RuG), Timo Septer (RuG)
  - 2016: Sascha Holzhauer (Uni Kassel), Johannes Zschache (Uni Leipzig)
  - 2015: Sanne Smith (UU), Miranda Visser (RuG), Nynke van Miltenburg (UU), Britta Rüschoff (RuG), Stefano Ballietti (ETH Zürich)
  - 2014: Ivo Nienhuis (RuG), Stefan Wehrli (ETH Zürich), Gina Potarca (RuG)
  - 2012: Michal Bojanowski (UU)
  - 2011: C.C.M. Adriaanse (U Delft)
  - 2010: Borja Martinovic (UU)
  - 2008: Heiko Rauhut (Universität Leipzig), Luis Izquierdo (Manchester Metropolitan University)
  
- Member of defense committee (NL: opponent) of dissertation (to be updated):
  - 2017: Joran Lameris (RU), Phillip Chapkovski (European University Florence)

- 2016: Kim Pattiselano (RuG)
- 2015: Thomas Kowalewski (RuG), Sanne Smith (UU), Nynke van Miltenburg (UU), Britta Rüschhoff (RuG), Stefano Ballietti (ETH Zürich), Hedy Greijdanus (RuG), Pieter van den Berg (RuG).
- 2014: Gijs Huitsing (RuG), Lucas Molleman (RuG), Ivan Puga (RuG)
- 2013: Lise Jans (RuG), Weigui Xia (RuG), Dominik Morbitzer (UU)
- 2012: Alona Labun, Annemarijn Walberg, Reijer Verwer, Valeska Korff
- 2011: Elze Ufkes, Ruud van der Horst, Lea Ellwardt
- 2010: Birgit Paukzstat, Kees Keizer
- 2009: Jessica Pass, Menno Vos, Rense Corten, Hilde Steenbergen
- 2008: Janneke Joly
- 2007: Sonja Vogt
- 2006: Kees Zoethout
- 2005: Ferry Koster
- 2003: Christian Steglich
- 2001: Jan Kratzer, Marcel van Assen.

#### **E. 6.2. National and local**

- Member of selection committee for dean faculty BSS. 2015/2016.
- Member of selection committee faculty BSS for Rosalind Franklin Fellowships. 2014/2015.
- Member of the Board of Directors of the Interuniversity Research School ICS – Interuniversity Center for Social Science Theory and Methodology
- Director of Studies – Opleidingsdirecteur – Department of Sociology, University of Groningen. Since 2010.
- Core member of Groningen Center for Social Complexity Studies (GCSCS), director: dr. Wander Jager.
- Member of ISW – “Instituut voor Integratie en Sociale Weerbaarheid – Maatschappelijk Topinstituut”, at University of Groningen.
- Member of programme committee for NWO-programme “Dynamization of Innovation”.
- Member of preselection committee for NWO Open Competition 2<sup>nd</sup> round 2009.
- Member of “Onderwijscommissie Sociologie” until 2010.
- Member “Structuurcommissie hoogleraar sociologie” (succession Tom Snijders).
- Member “Structuurcommissie hoogleraar sociologie” (2009).

#### **E.7 Invited External workshops or lectures**

1. Flache, A. (2017). Invited lecturer at IFISC summerschool Complex Socio-Technical Systems, Palma de Mallorca, Spain (September 2017).

2. Flache, A. (2015). Invited speaker for lecture in summercourse “Waarheden”, Comenius Academy (RuG). August 26, 2015.
3. Flache, A. (2015). “The Complexity of Social Integration”. Lecture in Course “Complexity and Innovation” organized by Prof. dr. S. Bais, Santa-Fe Institute, Comenius Academy (RuG). January 27, 2015.
4. Flache, A. (2013). Course (Doctoral and Postdoctoral program) ‘Agent Based Modelling of Norms and Networks: Sociological Applications’. ETH Zürich. Department of Humanities, Social and Political Sciences (D-GESS). Host: Prof. dr. A. Diekmann. Fall Semester 2013, 17. - 20.12.2013. Taught with dr. Michael Mäs.
5. Flache, A. (2010). Course (Doctoral and Postdoctoral program) ‘Agent Based Modelling of Norms and Networks: Sociological Applications’. ETH Zürich. Department of Humanities, Social and Political Sciences (D-GESS). Host: Prof. dr. A. Diekmann. Fall Semester 2010, 14. - 17.12.2010. Taught with dr. Michael Mäs.
6. Instructor Workshop “Agent-based modeling in the Social Sciences”, taught at the University of Mannheim, Graduate School of Economic & Social Sciences (GESS), Germany, **2009**.
7. Flache, A. **2005**. Workshop “Learning dynamics in social dilemmas” given at Sonderforschungsbereich 504 "Rationality Concepts, Decision Making and Economic Modeling", University of Mannheim, February 9, 2005.
8. Flache, A. **2004**. Lecture on “Social Multi-agent systems and decision dynamics” at First International Winterschool on Physics of socio-economic systems. Konstanz, Germany, February 20, 2004. Organizer: Prof. Frank Schweitzer.

## F Teaching experience

### F.0 Qualifications

- In **2015** I have acquired a “Senior University Teaching Qualification” (**SKO**: Senior Kwalificatie Onderwijs) at the University of Groningen.
- In **2012** I have acquired a “University Teaching Qualification” (**BKO**: Basis Kwalificatie Onderwijs) at the University of Groningen.

### F.1 Courses taught and / or developed

*Department of Sociology, University of Groningen:*

- 2014 (fall), 2015 (spring, fall), 2016, 2017.** Teacher and developer of module "Week 4: Self-Organisation" in first MOOC of University of Groningen “Decision Making in a Complex and Uncertain World”. (<https://www.futurelearn.com/>). Course organizer: Prof. Lex Hoogduin, University of Groningen.
- 2012 until now:** redevelopment and teaching of course “Inleiding Sociologie” (Introduction to Sociology). (Obligatory course first year BA, semester 1a, 5 EC)

**2008-2011/2012:** Coordination and teaching (with Steglich and Knol) of renewed course “Statistiek 1” (BA, 5EC). Development, coordination and teaching of module “Beschrijvende statistiek” (Descriptive Statistics) (semester 1a).

**2011/2012:** Coordination and teaching of modules in 2 courses in research minor sociology: Model building, Behavioral Theories for Sociology

**2006 -present:** Participation in teaching in **research master program** “Human Behavior in Social Contexts”. 2006-2008 Coordination (with Mills) of Sociology stream in this program.

Participation in teaching of 4 research master courses:

- “Organizations”
- “Organizations Research practical”
- “Theory and Model building” (teacher (with Buskens and Raub) and local coordinator) (until 2009, started again in 2015/2016)
- “Introduction Human Behavior in Social Contexts – Sociology”

**2009.** Coordination and Teaching of Course “onderzoeksproject” (10 EC).

**2003-2009, 2011-2013:** Development and teaching of obligatory course “Application of theories”, 5EC, 2<sup>nd</sup> year bachelor. (2003-2006 with Elsas, 2011/2012 and 2012/2013 with Munoz Herrera).

**2004:** Development and teaching of obligatory course “Model building in the social sciences”, 6EC, 3<sup>rd</sup> year bachelor, course in research specialization. (with dr. C.E.G. Steglich)

**2002:** Development and teaching of interactive course “computer simulation of cooperation and conflict” (ca. 5EC).

**2001:** Coordination, further development of overall project and teaching (tutor) of project group in first year project “Tussen geld en geluk” (ca. 5EC) (with ma. Smaniotto and dr. Van Bruggen)

**2000:** Coordination, further development and teaching of project group (tutor) in first year project “Tussen geld en geluk” (ca 6EC) (with ma. Smaniotto)

**1999:** Participation (tutor) in teaching of the 1<sup>st</sup> year project "Tussen geld en geluk".

**1999:** Teaching and development of a two-week course modul in the 2<sup>nd</sup> year MTV-course "The systematic elaboration of theories on behavior", together with prof. Lindenberg and prof. Stokman.

**1993, 1994, 1995:** Teaching and development of „Game theory“ component and „practicals“ in the course „Sociological Theories and Methods“ (dr. H. de Vos).

**1993, 1994:** Participation in teaching of the Course „Theory Construction, Model Building and Network Analysis“ (prof. Lindenberg and prof. Stokman).

**1992:** Assistance in teaching of the Course „Introduction into Methods and Techniques“ (prof. Stokman).

*Department of Philosophy, University of Bayreuth:*

Development and Teaching of undergraduate courses (Proseminar, about 14 weeks, 2 hours per week):

**Winter 1998/1999:** Computermodelle der Kooperation (Computer models of co-operation).

**Summer 1998:** Anarchie und Kooperation: Michael Taylors Analyse kollektiven Handelns (Anarchy and co-operation: Michael Taylor's analysis of collective action).

**Winter 1997/98:** Rationales Entscheiden (Rational decision making).

**Summer 1997:** Kollektives Handeln. Theorien und Computersimulationen (Collective Action: theories and computer simulations).

**Winter 1996/1997:** Soziale Netzwerke und Kooperation (Social networks and co-operation).

## **F.2 Master thesis supervision (completed theses, needs to be updated)**

1. Carlos de Matos Fernandes (2018) (main advisor, research master)
2. Wouter Kiekens (2018) (second reader, research master).
3. Joris Otten (2018) (second advisor).
4. Maryam Ellenby (2017) (second advisor)
5. Jacob van der Ploeg (2017) (second advisor)
6. Stefan Kremppl (2017) (second advisor)
7. Jelmer Draaijer (2016) (main advisor)
8. Arnold de Weerd 2015 (second advisor)
9. Michel Betsema 2015 (main advisor)
10. Hiske Koldijk 2015 (main advisor)
11. Lisa Sipma 2015 (main advisor)
12. Jasperina Brouwer 2014 (main advisor, research master).
13. Ilva Veul. 2014. (main advisor)
14. John van Schellen. 2014 (main advisor)
15. Gabriella Calado. 2014 (main advisor)
16. Rien Hoving. 2014 (second advisor)
17. Kim Bartelds. 2014 (second advisor)
18. Emmy Pater. 2014 (second advisor)
19. Annelies Meijer. 2014. De methode van Community Support – Een onderzoek naar het effect van de activering van netwerken en de vorming van steungroepen op het welzijn van mensen met sociale problemen (second advisor, main advisor: Liesbet Heyse).
20. Alice Niemeijer. 2013. Sterven in een hospice? (second advisor, main advisor: Nardi Steverink).
21. Niels de Vries. 2013. THE UPSIDE OF EXCESSIVE PARENTAL INVOLVEMENT. Changes in Effects of Child-Perceived Negative Parenting

- Styles on Antisocial Behavior of Preadolescent Children under Conditions of Intermediate Exposure to Negative Life Events. (main advisor).
22. Kristien Fransen. (2012). "Communiceren met gezond verstand". De relatie tussen gezondheidsvaardigheden van de cliënt en de ervaringen met de communicatie tussen hulpverlener en cliënt. Referent (second advisor, main advisor: Roel Popping).
  23. Margriet Bödeker. (2012). PVV: eendagsvlieg of partij van de toekomst? (second advisor, main advisor: Andrea de Winter).
  24. Hanne Visser. 2011. Digitale interactie. Doorbreking van structuurgrenzen in organisaties? Een onderzoek naar interactiestructuren op online platforms door middel van sociale netwerkanalyse. (main advisor)
  25. Marnix van der Paauw. 2011. Bekend maakt onbemind. (main advisor)
  26. Gerrit Jan Kroes. 2011. Modellen van culturele diversiteit. (main advisor)
  27. Marina Roos. 2011. De invloed van leiders op het bereiken van consensus in een werkteam met een hoge mate van demografische diversiteit. (referent)
  28. David de Jong. 2011. Relaties op het werk, spontaan of strategisch? (referent)
  29. Jasper Kiewiet. 2010. Sociaal kapitaal en bijdragen in publiek goed situaties met positieve en negatieve externaliteiten. (referent).
  30. Gerald Wolters. 2010. Integratiebeleid en houdingen ten aanzien van integratie van de autochtone bevolking en immigranten in Europa. (referent)
  31. Janfrans Zuidema. 2010. Ceci n'est pas Geert Wilders. Op weg naar een sociaal wetenschappelijke verklaring voor de negatieve attitude ten opzichte van moslims in Nederland. (referent)
  32. Kim Steenbergen. 2009. Buren: waakzaam of wantrouwend? (referent)
  33. Irene Permentier. 2009. Aanpassing mét grenzen. Hoe bevordert de timing van contact de eensgezindheid en samenwerking in een groep? (referent)
  34. Coby van Niejenhuis. 2009. Beeldvorming en buitenschoolse activiteiten. (referent)
  35. Johanneke Roseboom. 2008. Woonservicegebieden: grijs of gekleurd? Een onderzoek naar Turkse en Marokaanse ouders. (main advisor)
  36. Willem Vos. 2008. Hoe zwart-wit is de schoolkeuze? Begeleider.
  37. Nadia Lambertus. 2008. De organisatie als mozaïek van culturen. Onderzoek naar organisatieklimaat en acculturatie van allochtone medewerkers bij de Rijksoverheid (Referent).
  38. Marion Beijer. 2008. Ingrijpen in pesten. Wat zorgt ervoor dat kinderen wel of niet ingrijpen. Referent.
  39. De Vries, E. 2007. Altruïsme bestaat niet. Waarom doen mensen vrijwilligerswerk? Second advisor.
  40. Kruis, G. 2007. Religiositeit en vriendschapsvoorkeuren van allochtone kinderen. Second advisor, also for traineeship.
  41. Bolks, J. 2006. Bekend maakt bemind? Een exploratief onderzoek naar de rol van twee Arnhemse basisscholen in het sociale segregatieproces. Main advisor.
  42. Vreeling, A. 2006. Inburgeraars en Mensbeelden. Tussen homo economicus en Homo Sociologicus. Main advisor.
  43. Voorthuis, M. 2006. Waarom geven mensen fooien? Second advisor.
  44. Dijkstra, L.J. 2005. Micro integration at a university. Main advisor.

45. Nes, R. van. 2004. Kortdurend ziekteverzuim binnen de Koninklijke Landmacht. Main advisor.
46. Dijkstra, E. 2003. Solidair Gedrag in een Projectorganisatie. Main advisor.
47. Lafeber, J. 2003. Segregatie op Basisscholen. Main advisor.
48. Meerman, S te. 2002. De rol van informele netwerken in de Nederlandse Linux gebruikers gemeenschap. (main advisor).