

# Curriculum Vitae - dr. C.N. van der Wal

(last update: 23 May 2018)

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**Short bio.** Natalie van der Wal is a Marie Skłodowska-Curie Research Fellow at the Centre for Decision Research, Leeds University Business School. Her mission is to improve safety by preventing risky crowd behaviours during emergency situations. She aims for evidence-based technology improving safety and security. She is specialised in the computational modelling of cognitive and affective processes in groups as well as evidence-based emergency communication research. Her current project 'EVACUATION' aims to improve speed and survival in emergency evacuations, through the combined insights from agent-based computer modelling, risk communication/decision research, and an advisory board of emergency responders. This project follows her previous European H2020 project 'IMPACT', in which she determined the role of culture on emergency prevention and management. She works with professor Wändi Bruine de Bruin in the Centre for Decision Research and the Leeds University Business School. Previously she worked as an Assistant Professor at the dept. of Computer Science, Vrije Universiteit, NL, a Senior Research Fellow at the Socio-Technical Centre of the Leeds University Business School, UK, and as a Researcher at CAMS Forcevision, Royal Dutch Navy, NL.

**keywords:** modelling and simulation; crowd model; evacuation simulation; laughter; emotional contagion; evidence-based research

## EDUCATION

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2012 *Ph.D. Artificial Intelligence and Psychology*, Vrije Universiteit Amsterdam, Netherlands  
2009 *M.Sc. Cognitive Science (with honours)*, Vrije Universiteit Amsterdam, Netherlands  
2007 *B.Sc. Cognitive and Clinical Neuropsychology*, Vrije Universiteit Amsterdam, Netherlands  
2004 *M.A. Media and Culture*, University of Amsterdam, Netherlands  
2003 *B.A. Media and Culture*, University of Amsterdam, Netherlands

## ACADEMIC POSITIONS

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2018-to date EU Marie Skłodowska-Curie Research Fellow  
Centre for Decision Research, Leeds University Business School, United Kingdom  
2015-2018 Assistant Professor  
Dept. of Computer Science, Vrije Universiteit, Amsterdam, Netherlands  
2015-2015 Senior Research Fellow  
Socio-Technical Centre, Leeds University Business School, United Kingdom  
2012-2015 Assistant Professor  
Dept. of Computer Science, Vrije Universiteit, Amsterdam, Netherlands  
2009-2012 Ph.D. Student  
Dept. of Computer Science, Vrije Universiteit Amsterdam, Netherlands  
CAMS Forcevision, Royal Dutch Navy, Amsterdam, Den Helder, Netherlands

## PUBLICATIONS

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\*\*\*The lead author is not always the first author, as authors can be in alphabetical order (a working principle in the Behavioural Informatics group, where van der Wal has worked). In Computer Science, conference proceedings are similar to journal articles

## PEER-REVIEWED PUBLICATIONS (34)

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1. Irrmischer, M., **van der Wal, C.N.**, Mansvelder, H.D., Linkenkaer-Hansen, K. (2018). Negative Mood and Mind Wandering Increase Long-range Temporal Correlations in Attention Fluctuations. *PLOS ONE*. 13(5):e0196907. <https://doi.org/10.1371/journal.pone.0196907>
2. Chohra, A., Madani, K., **van der Wal, C.N.** (2018). Group Affect in Complex Decision-Making Systems: from Psychology to Computer Science Perspectives. In *Proceedings of the International Conference on Computational Collective Intelligence*, in press. Springer Verlag.
3. Jutte, B., **van der Wal, C.N.** (2018). Modelling of Emotional Contagion in Soccer Fans. *Transactions on Computational Collective Intelligence*, in press (expected to be published online June 2018).
4. **C. N. van der Wal**, D. Formolo, M.A. Robinson, M. Minkov, T. Bosse. (2017). IMPACT: socio-cultural evacuation model with emotion contagion and social group-decision making. *Transactions on Computational Collective Intelligence XXVII* (pp. 139-177). Springer, Cham.
5. Bosse, T., Duell, R., Memon, Zulfiqar. A., Treur, J., **van der Wal, C. N.** (2016). Computational Model-Based Design of Leadership Support Based on Situational Leadership Theory. *Simulation: Transactions of the Society for Modeling and Simulation International*. Vol93(7), 605-617.
6. Bosse, T., Duell, R., Memon, Z., Treur, J., **van der Wal, C.N.** (2015). Agent-Based Modelling of Emotion Contagion in Groups, *Cognitive Computation Journal*, Vol.7, 111-136.
7. Middelweerd, A., Mollee, J. S., **van der Wal, C. N.**, Brug, J., & te Velde, S. J. (2014). Apps to promote physical activity among adults: a review and content analysis. *International Journal of Behavioral Nutrition and Physical Activity*, 11(1), 97.
8. **van der Wal, C.N.** and Kowalczyk, W. (2013). Detecting Changing Emotions in Human Speech by Machine and Humans. *Applied Intelligence*, 39(4), 675-691.
9. Bosse, T., Hoogendoorn, M., Klein, M.C.A., Treur, J., **van der Wal, C.N.**, and van Wissen, A. (2012). Modelling Collective Decision Making in Groups and Crowds: Integrating Social Contagion and Interacting Emotions, Beliefs and Intentions. *Autonomous Agents and Multi-Agent Systems Journal*, Vol. 27, 52-84.
10. Hoogendoorn, M., Treur, J., **van der Wal, C.N.**, van Wissen, A. (2011). Agent-Based Modelling of the Emergence of Collective States Based on Contagion of Individual States in Groups. *Transactions on Computational Collective Intelligence*, Vol. 3, 152-179.
11. Formolo, D., **van der Wal, C.N.** (2017). Simulating Collective Evacuations with Social Elements. In *Proceedings of the International Conference on Computational Collective Intelligence*, pp.766-777. Springer Verlag.
12. Formolo, D., **van der Wal, C.N.** (2017). An Adaptive Simulation Tool for Evacuation Scenarios. In *Proceedings of the EPIA Conference of Artificial Intelligence*, pp.28-40. Springer Verlag.
13. Medeiros, L., **van der Wal, C.N.** (2017). An Agent-based Model Predicting Group Emotion and Misbehaviours in Stranded Passengers. In *Proceedings of the 18th EPIA Conference on Artificial Intelligence*, pp.620-627. Springer Verlag.
14. **van der Wal, C.N.** Formolo, D., Bosse, T. (2017). IMPACT: an agent-based evacuation model with social contagion mechanisms. In *Proceedings of the 30th International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems, IEA\_AIE'17*. Springer Verlag.
15. **van der Wal, C.N.** Couwenberg, M., Bosse, T. (2017). Getting Frustrated: Modelling Emotion Contagion in Stranded Passengers. In *Proceedings of the 30th International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems, IEA\_AIE'17*, pp. 611-619. Springer Verlag.
16. **C.N. van der Wal**, A. Hermans, T. Bosse (2017). Inducing Fear: Difference Between Virtual Reality and 2D Video. In: *International Conference on Human-Computer Interaction* (to appear). Springer International Publishing
17. B. Jutte & **C.N. van der Wal** (2016). Cognitive Modelling of Emotion Contagion in a Crowd of Soccer Supporter Agents. *Proceedings of the 8th International Conference on Computational Collective Intelligence (ICCCI 2016)*, to appear.
18. **C.N. van der Wal**, M. Irrmischer. (2015). Measuring Emotion Regulation with Single Dry Electrode Brain Computer Interface. In: *Proceedings of the Brain Informatics and Health Conference 2015*. Lecture Notes in Artificial Intelligence. pp. 181-191.
19. **C.N. van der Wal**, M. Irrmischer. (2015). Myndplay: Measuring Attention Regulation with Single Dry Electrode Brain Computer Interface. In: *Proceedings of the Brain Informatics and Health Conference 2015*. Lecture Notes in Artificial Intelligence. pp. 192-201.
20. Mollee, J.S. and **van der Wal, C. N.** (2013). A Computational Agent Model of Influences on Physical Activity Based on the Social Cognitive Theory. In: *Proceedings of the 16th International Conference on Principles and Practice of Multi-Agent Systems, PRIMA'13*, Lecture Notes in Artificial Intelligence. Volume 8291, pp. 478-485. Springer Verlag. 2013.
21. Aziz, A.A., Treur, J., and **van der Wal, C.N.** (2012). An Ambient Agent Model for Support of Informal Caregivers During Stress. In: *Proceedings of the 25th International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems, IEA/AIE'12.*, Springer Verlag, Vol. 7345, pp. 501-513.
22. Boersma, K., Passenier, D., Mollee, J. and **van der Wal, C.N.** (2012). Crisis Management Evaluation: Formalisation & Analysis of Communication During Fire Incident Amsterdam Airport Train Tunnel. In: *Proceedings of the 26th European Conference on Modelling and Simulation, ECMS'12*, edited by: K. G. Troitzsch, M. Moehring, U. Lotzmann. European Council for Modeling and Simulation. doi:10.7148/2012
23. Kowalczyk, W. and **van der Wal, C.N.** (2012). Detecting Changing Emotions in Natural Speech. In: *Proceedings of the 25th International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems, IEA/AIE'12*. Lecture Notes of Artificial Intelligence, Springer Verlag, Vol. 7345, pp. 491-500.

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24. Aziz, A.A., Treur, J., and **van der Wal, C.N.** (2011). An Agent-Based Model for Integrated Contagion and Regulation of Negative Mood. In: Kinny, D., Hsu, D. (eds.), *Proceedings of the 14th International Conference on Principles and Practice of Multi-Agent Systems, PRIMA'11*. Lecture Notes in Artificial Intelligence, Springer Verlag, Vol. 7047, pp. 83-96.
25. Bosse, T., Chandra, V., Mitleton-Kelly, E. and **van der Wal, C.N.** (2011). Analysis of Beliefs of Survivors of the 7-7 London Bombings: Application of a Formal Model for Contagion of Mental States. In: Lu, B., Zhang, L. and Kwok, J. (eds.), *Proceedings of the 18th International Conference on Neural Information Processing, ICONIP'11*. Lecture Notes in Artificial Intelligence, Springer Verlag, Vol. 7062, 2011, pp. 423-434.
26. Bosse, T., Hoogendoorn, M., Klein, M.C.A., Treur, J., and **van der Wal, C.N.**, (2011). Agent-Based Analysis of Patterns in Crowd Behaviour Involving Contagion of Mental States. In: Ali, M. et al. (eds.), *Proceedings of the 24th International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems, IEA/AIE'11*. Lecture Notes in Artificial Intelligence, Springer Verlag, Vol. 6704, pp. 566-577.
27. Hoogendoorn, M., Treur, J., **van der Wal, C.N.**, and van Wissen, A. (2010). Modelling the Interplay of Emotions, Beliefs and Intentions within Collective Decision Making Based on Insights from Social Neuroscience. In: *Proceedings of the 17th International Conference on Neural Information Processing, ICONIP'10*. Lecture Notes in Artificial Intelligence, Springer Verlag, pp. 196-206.
28. Hoogendoorn, M., Treur, J., **van der Wal, C.N.**, and van Wissen, A. (2010). An Agent-Based Model for the Interplay of Information and Emotion in Social Diffusion. In: Huang, X.J., Ghorbani, A.A., Hacid, M.-S., Yamaguchi, T. (eds.), *Proceedings of the 10th IEEE/WIC/ACM International Conference on Intelligent Agent Technology, IAT'10*. IEEE Computer Society Press, pp. 439-444.
29. Hoogendoorn, M., Treur, J., **van der Wal, C.N.**, and van Wissen, A. (2010). Modelling the Emergence of Group Decisions Based on Mirroring and Somatic Marking. In: Yao, Y., Sun, R., Poggio, T., Liu, J., Zhong, N., and Huang, J. (eds.), *Proceedings of the Second International Conference on Brain Informatics, BI'10*. Lecture Notes in Artificial Intelligence, Springer Verlag, Vol. 6334, pp. 29-41.
30. Aziz, A.A., Treur, J., and **van der Wal, C.N.** (2010). Modelling Caregiving Interactions During Stress. In: *Proceedings of the Second International Conference on Brain Informatics, BI'10*. Lecture Notes in Artificial Intelligence, Springer Verlag, pp. 263-273.
31. Bosse, T., Duell, R., Memon, Z.A., Treur, J., and **van der Wal, C.N.** (2009). A Multi-Agent Model for Mutual Absorption of Emotions. In: Otamendi, J., Bargiela, A., Montes, J.L., Pedrera, L.M.D. (eds.), *Proceedings of the 23th European Conference on Modelling and Simulation, ECMS'09*. European Council on Modeling and Simulation, pp. 212-218.
32. Duell, R., Memon, Z.A., Treur, J., and **van der Wal, C.N.** (2009). An Ambient Agent Model for Group Emotion Support. In: Cohn, J., Nijholt, A., Pantic, M.(eds.), *Proceedings of the Third International Conference on Affective Computing and Intelligent Interaction, ACII'09*. IEEE Computer Society Press, pp. 550-557.
33. Bosse, T., Duell, R., Memon, Z.A., Treur, J., and **van der Wal, C.N.** (2009). An Ambient Agent Model for Group Development Support. In: Baeza-Yates, R., Lang, J., Mitra, S., Parsons, S., Pasi, G. (eds.), *Proceedings of the 9th IEEE/WIC/ACM International Conference on Intelligent Agent Technology, IAT'09*. IEEE Computer Society Press, pp. 505-510.
34. Bosse, T., Duell, R., Memon, Z.A., Treur, J., and **van der Wal, C.N.** (2009). A Multi-Agent Model for Emotion Contagion Spirals Integrated within a Supporting Ambient Agent Model. In: *Proceedings of the 12th International Conference on Principles of Practice in Multi-Agent Systems, PRIMA'09*. Lecture Notes in Artificial Intelligence, Springer Verlag, pp. 48-67.

## BOOKS, BOOK CHAPTERS, RESEARCH MONOGRAPHS, EU PROJECT REPORTS (9)

1. **Wal, C.N. van der**, Formolo, D., Medeiros, L., Robinson, M. (2017). D2.4 – Structured Simulations with the Single Agent Domain Model. IMPACT Project, report for the European Commission. Retrieved from: [www.impact-csa.eu](http://www.impact-csa.eu)
2. **Wal, C.N. van der**, Formolo, D., Robinson, M., Bosse, T. (2017). D2.3 – Internal and External Validation of the Computational Agent-based Model. IMPACT Project, report for the European Commission. Retrieved from: [www.impact-csa.eu](http://www.impact-csa.eu)
3. **Wal, C.N. van der**, Formolo, D., Medeiros, L., (2017). D2.2 – Computational Agent-based Crowd Model. IMPACT Project, report for the European Commission. Retrieved from: [www.impact-csa.eu](http://www.impact-csa.eu)
4. **Wal, C.N. van der**, Robinson, M., Cichomska, K., Minkov, M., Dambra, C., Tedeschi, A & Rozzi, S. (2016). D2.1 – Synthesis of Theoretical Framework and Translation into Conceptual Model. IMPACT Project, report for the European Commission. Retrieved from: [www.impact-csa.eu](http://www.impact-csa.eu)
5. Cichomska, K., Robinson, Minkov, M., M. A., Davis, M., Blagoev, V., **van der Wal, C.N.**, Karbownik, A., Sengur, F., Turhan, U., Giuricin, A., Dambra, C., Rozzi, S., Tedeschi, A & Golfetti, A. (2016). D1.3 – Theoretical Framework of Cross-Cultural and Psycho-Social Crowd Behaviour and Management in Transport Terminals. IMPACT Project, report for the European Commission. Retrieved from: [www.impact-csa.eu](http://www.impact-csa.eu)
6. Robinson, M. A., Cichomska, K., Davis, M., Minkov, M., Blagoev, V., **van der Wal, C.N.**, Turhan, U., Karbownik, A., Giuricin, A., Rozzi, S., & Tedeschi, A. (2015). D1.1 – Review and Critical Analysis of Multi-Cultural Crowd Behaviour in Emergencies. IMPACT Project, report for the European Commission. Retrieved from: [www.impact-csa.eu](http://www.impact-csa.eu)
7. Bosse, T., Hoogendoorn, M., Sharpanskykh, A., Treur, J., **Wal, C.N. van der**, Wissen, A. Van. (2013). Agent-based Modelling of Social Emotional Decision Making in Emergency Situations. In: Mitleton-Kelly, E. (Ed.), Co-evolution

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of Intelligent Socio-technical Systems: Modelling and Applications in Large Scale Emergency and Transport Domains. Springer Verlag.

8. Duell, R., Memon, Z.A., Treur, J., and **Wal, C.N. van der.** (2012). Ambient Support for Group Emotion: an Agent-Based Model. Chapter in T. Bosse (ed.), *Agent-Based Approaches to Ambient Intelligence*. IOS Press, pp. 261-288.
9. **Wal, C.N. van der.** (2012). *Social Agents. Agent-Based Modelling of Integrated Internal and Social Dynamics of Cognitive and Affective Processes*. Ph.D. Thesis. ISBN 978-90-8570-783-7.

## SELECTED NEWSPAPERS, OTHER MEDIA (8)

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1. 2018, May, Magazine & Online Platform 'Brandveilig.com': "Social and Cultural Factors in Evacuation Simulations"
2. 2017, November, Dutch Newspaper 'De Volkskrant': 'An evacuation model that takes human behaviour into account'
3. 2017, November, live interview Bloomberg TV: 'The role of culture in emergency prevention and management'
4. 2014, Sept, Dutch Newspaper 'de Volkskrant', column "Ware Wetenschap"
5. 2013, April & May, Dutch Newspaper 'de Volkskrant', column "Ware Wetenschap"
6. 2015, January, Dutch Magazine 'Lach!Magazine' about my research on laughter interventions
7. 2012, May, Dutch Radio BNR and Radio 5, radio-interviews about my research
8. 2011, May, Dutch magazine and internet platform 'Quest', movie of my research

## INVITED PRESENTATIONS (20)

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1. 'How to write a grant proposal', UK Research Office Marie Curie Individual Fellowship Event, University of Leeds, UK, 16-5-2018
2. 'Technologies for Crowd Monitoring', N8 Policing Research Partnership, Leeds University Business School, UK, 16-5-2018
3. 'Modelling Crowd Behaviour' at University of Amsterdam, Netherlands, 21-11-2017
4. 'Modelling Group Decision in Evacuating Crowds' in Public Transport, Seminar Group Decision Making, WSB University, Wroclaw (Poland), 24/11/2017
5. 'Simulating Socio-Cultural Crowd Behaviour in Emergency Situations', Keynote@PFIA2017, Caen, 6-7-2017
6. 'Modelling Cultural Effects on Group Decisions in Emergency Situations in Public Transport, Seminar Group Decision Making, WSB University, Wroclaw (Poland), 25/11/2016
7. 'Modelling Crowds: Crowd Models and Experiments' at University of Amsterdam, Netherlands, 09-12-2016
8. 'Scientific Laughter: Research on the Effects of laughter' at Amsterdam Laughter Conference, Netherlands, 13-11-2016
9. Integrating socio-psychological theories in agent-based models of emergency situations in transport. EAWOP, Small Group Meeting, Verona (Italy), 15/09/2016
10. 'Studying Laughter: Laughter Yoga in Scientific Research', International Laughter Yoga Congress, Paris (France), 06-03-2015
11. 'Studying Laughter: Laughter Yoga in Scientific Research,' National Laughter Yoga Congress, Lisse, Netherlands, 24-01-2015
12. Emotional Contagion in Groups & Social Networks, BMS-ANed, Scientific Biometric Association, Wageningen University, (Netherlands), 17-12-2014
13. 'Leading Ladies in ICT', VHTO & NWO Networking Conference, Amsterdam (Netherlands), 24-11-2014
14. 'AI-applications: Agent-based modelling for a Healthy Lifestyle', Centre for Neurogenomics and Cognitive Research, Amsterdam, 13-1-2014
15. "Showcase: Crowd Modelling and Emotion Recognition from Speech" at 'BrainStorm', VU University, 11-03-2013
16. 'AI Applications: Human Ambience Research', Centre for Neurogenomics and Cognitive Research, Amsterdam, 14-1-2013
17. 'Agent-based Modelling of Social Group Dynamics', Centre for Neurogenomics and Cognitive Research, Amsterdam, 24-1-12
18. 'Agent-based Modelling of Emotion Contagion', Centre for Neurogenomics and Cognitive Research, Amsterdam, 14-1-2011
19. 'Human Ambience Research and Applications' at Hogeschool van Amsterdam, 04-10-2011:
20. 'Agent-based Modelling of Crowds Spreading Beliefs, Intentions and Emotions', Centre for Neurogenomics and Cognitive Research, Amsterdam, 14-1-2010

## PRESENTATIONS AT PEER-REVIEWED INTERNATIONAL ACADEMIC MEETINGS (9)

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1. European Conference on Multi-Agent Systems, EUMAS2017, (Evry, France)

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2. International Conference on Industrial, Engineering and other Applications of Applied Intelligent Systems, IEA/AIE2017 (Arras, France)
3. International Conference on Computational Collective Intelligence, ICCCI2017, (Nicosia, Cyprus)
4. International Conference on Human-Computer Interaction, HCI2017, (Vancouver, Canada)
5. International Conference on Neural Information Processing, ICONIP2010 (Sydney, Australia)
6. International Conference on Brain Informatics, BI2010 (Toronto, Canada)
7. International Conference on Intelligent Agent Technology IAT2010 (Toronto, Canada)
8. International Conference on Affective Computing and Intelligent Interaction, ACII 2009 (Amsterdam, Netherlands)
9. International Conference on Intelligent Agent Technology, IAT 2009 (Milan, Italy)

## Program Committee Memberships (33)

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1. 19th International Workshop on Multi-Agent-Based Simulation (MABS) 2018
2. 17th International Conference on Autonomous Agents and Multiagent Systems (AAMAS2018)
3. 40th Annual Meeting of the Cognitive Science Society (CogSci) 2018
4. 10th Asian Conference on Intelligent Information and Database Systems (ACIIDS) 2018
5. 29th Benelux Conference on Artificial Intelligence (BNAIC) 2017
6. 39th Annual Meeting of the Cognitive Science Society (CogSci) 2017
7. 28<sup>th</sup> Benelux Conference on Artificial Intelligence (BNAIC) 2016
8. 38th Annual Meeting of the Cognitive Science Society (CogSci) 2016
9. EuroAsianPacific Joint Conference on Cognitive Science (EAPCogSci) 2015
10. 37th Annual Meeting of the Cognitive Science Society (CogSci) 2015
11. 16th International Workshop on Multi-Agent-Based Simulation (MABS) 2015
12. 3rd ASE International Conference on Social Informatics (SocInfo) 2014
13. 36th Annual Meeting of the Cognitive Science Society (CogSci) 2014
14. 4th Brazilian Workshop on Social Simulation (BWSS) 2012
15. 3rd International Conference on Simulation and Modeling Methodologies, Technologies and Applications (SIMULTECH) 2013
16. 7th International Symposium on INnovations in Intelligent SysTems and Applications (INISTA) 2013
17. International Conference on Active Media Technology (AMT) 2013
18. 35th Annual Meeting of the Cognitive Science Society (CogSci) 2013
19. 26th International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems, (IEA/AIE) 2013
20. 2nd International Conference on Social Eco-Informatics (SOTICS) 2012
21. 24th Benelux Conference on Artificial Intelligence (BNAIC) 2012
22. 26th International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems, (IEA/AIE) 2013
23. Active Media Technology (AMT'12) 2012
24. 3rd Brazilian Workshop on Social Simulation (BWSS) 2012
25. International Symposium on Innovations in Intelligent Systems and Applications (INISTA) 2012
26. 1st Workshop on Rights and Duties of Autonomous Agents at the European Conference on Artificial Intelligence (ECAI) 2012.
27. International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems (IAE-AIE) 2012
28. 13th International Workshop on Multi-Agent-Based Simulation (MABS) 2012
29. 2nd International Conference on Simulation and Modelling Methodologies, Technologies and Applications (SIMULTECH) 2012
30. IEEE World Congress on Computational Intelligence (WCCI) 2012, Special Session in Social Network Analysis and Mining
31. 6th IEEE International Workshop on Engineering Semantic Agent Systems (ESAS) 2012
32. International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems (IAE-AIE) 2011
33. Social Simulation and Modelling Track at the Portuguese AI Conference (EPIA) 2011

## Conference Chairs (4)

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1. Session Chair International Conference on Computational Collective Intelligence (ICCCI) 2017
2. Session Chair International Conference on Human-Computing Interaction (HCI) 2017
3. Sponsoring Chair, The 28th Benelux Conference on Artificial Intelligence (BNAIC 2016)
4. Session Chair, Brain Informatics Conference (BI) 2010

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## Awards, Prizes and Received Funding (12)

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1. Active Grant: EU H2020 Marie Curie IF Fellowship, March 2018 – 2020, PI, €200.000
2. Best paper award ICCCI 2017 (Formolo & Wal, 2017)
3. EU H2020 CSA, 'IMPACT' Project, May 2015- Oct 2017, co-PI, €220.000 (from total €1.600.000)
4. NWO Open Access Funding, 2016, €2500
5. NWO Foreign Expert Funding, 2016, €2250
6. Funding through Sponsors of the BNAIC, 2016, €12500
7. Postdoc Travel Grant Van Coeverden Adriani Stichting, 2012, €5000
8. Best paper nomination IEA-AIE 2012 (Kowalczyk and Wal, 2012)
9. Student-Researcher position awarded based on research qualities (2008-2009)
10. Official role model for young girls and women in ICT, through the organisation, 2012-2017, 'VHTO'
11. Chosen from a large pool of researchers for newspaper column 'True Science' in Dutch newspaper 'De Volksrant': multiple articles about my research, 2016
12. Appearance: start of construction new university building (2014)

## Supervising, Mentoring, Committee and Teaching Experience (5)

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1. University Teacher Training Degree received with the highest qualification 'excellent' (2011)
2. I am constantly engaged in the improvement of the curriculum of the Lifestyle Informatics and Artificial Intelligence tracks at the bachelor and master level as a member of multiple committees:
  - a. Chair and Member of Teacher Team Computer Science
  - b. Active Member of PR Computer Science
  - c. Active Member Education Committee
  - d. Co-Chair of the Postdoc-Assistant Professor meetings
3. I teach an average of two courses per year, all my evaluations are above Faculty level
  - a. Project Lifestyle Informatics (Bachelor Lifestyle Informatics, 2010-2014)
  - b. Human Ambient Intelligence (master Artificial Intelligence, 2012-2013)
  - c. Social Psychology (Bachelor Information Multimedia & Management, 2014-2017)
4. I have (co-)supervised 25 students since 2012, who I mentored to successfully finish their studies and find a job at a leading company with the help of my network.
  - a. 3 Ph.D.Students (Artificial Intelligence)
  - b. 10 master students (Neuroscience, Artificial Intelligence, Psychology)
  - c. 12 bachelor students (Lifestyle Informatics, Biomedical Science)
5. I have followed the Academic Leadership Course for Females at the Vrije Universiteit in 2013 and am currently transferring my learned knowledge as a mentor for female Artificial Intelligence master students through the program 'mentoring circles' supported by the organisation VHTO that aims for more women in STEM topics and ICT, for which I have been an official role-model since 2009, performing interviews and presentations at workshops and activities for young women in science.