



JOCHEM HUMMEL

Warwick Business School, University of Warwick
Information Systems and Management group
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EDUCATION

- 2018–Now Warwick Business School, University of Warwick
Assistant Professor at the Information Systems and Management Group
- 2014–2018 School of Business and Economics, Vrije Universiteit Amsterdam
PhD at the Knowledge Information and Innovation (KIN) research group
Title dissertation: Collaboration and innovation between heterogeneous actors
Prof. Marleen Huysman, Prof. Hans Berends, Dr. Philipp Tuertscher
- 2017 Cambridge Judge Business School, University of Cambridge
Visiting PhD with Prof. Shaz Ansari (Strategy & International Business Group)
- 2014 Rotterdam School of Management, Erasmus University
Master of Science (MSc), graduated cum laude

AWARDS, GRANTS, AND HONORS

- 2019 Panel member 6th Innovation in Information Infrastructures (III) Workshop
- 2019 Participant OCIS Junior Faculty Consortium, 79th Annual Meeting of the
Academy of Management (Boston, MA)
- 2019 Award Outstanding Contribution to Teaching, Warwick Business School
- 2019 Award Outstanding Contribution to Pastoral Care, Warwick Business School
- 2018 Participant OMT Doctoral Consortium, 78th Annual Meeting of the Academy
of Management (Chicago, IL)
- 2018 2018 Winner Max Boisot Award, European Group of Organization Studies
- 2017 2017 Reviewing Award, OMT Division, Academy of Management
- 2017 2017 Reviewing Award, TIM Division, Academy of Management
- 2017 Erasmus+ grant (€1,500) for research at Cambridge Judge Business School
- 2017 Honorary Member Trinity Hall, constituent college University of Cambridge
- 2017 Participant OMT Doctoral Consortium, 77th Annual Meeting of the Academy
of Management (Atlanta, GA)
- 2016 2016 Reviewing Award, OMT Division, Academy of Management

RESEARCH INTEREST

- Theory digital infrastructures, generativity, interorganizational collaboration, common
resources, framing, new ways of organizing, open innovation
- Phenomena digital innovation, science-business collaborations, platforms and ecosystems
- Methods qualitative methods, digital methods for qualitative data (e.g. topic modelling)

PUBLICATIONS

Hummel, J.T. (2019). Collaboration and innovation between heterogeneous actors. PhD dissertation. Amsterdam, NL: Rozenberg Publisher. ISBN 978–90–3610–557–6

Hummel, J.T., & Amirany Araghy, N. (2015). Determinants of Acquisition Performance: A Multi-Industry Analysis. In C.L. Cooper & S. Finkelstein (Eds.), *Advances in mergers and acquisitions*, Vol. 14 (pp. 143-169). Bingley, UK: Emerald Group Publishing Limited.

Working papers

Hummel, J.T., Berends, H., & Tuertscher, P. What Do We Have in Common? Collaboration Between Heterogeneous Organizations for the Development of a Common Infrastructure. Under review at *Organization Science*.

Hummel, J.T., Waardenburg, L., Zhang, Z., & Nandhakumar, J. 2020. Knowledge Coordination Through “Uncoordinated Knowledge Shots” in the Development of Machine Learning AI Systems. Under review at *Journal of the Association for Information Systems*.

Zhang, Z, Nandhakumar, J., Hummel, J.T., & Waardenburg, L. 2020. Addressing Key Challenges of Developing AI Systems for Knowledge Intensive Work. Submitted to *MISQ Executive*.

Hummel, J.T., & Henfridsson, O. From Change to Generativity: Explaining Evolution of Information Systems in Digital Environments. 2020. Targeted at *MIS Quarterly*.

Hummel, J.T., Ansari, S., Berends, H., & Tuertscher, P. Keeping goals relevant. 2020. Targeted at *Academy of Management Journal*.

Berends, H., Deken, F., & Hummel, J.T. This is not VHS versus Betamax! 2020. The development of platform strategies in home automation. Targeted at *Strategic Management Journal*.

Hummel, J.T., Berends, H., & Tuertscher, P. Dimensions and dynamics of open innovation: A systematic review of knowledge flows and system architectures. 2021. Targeted at *International Journal of Management Reviews*.

Conference proceedings

Hummel, J.T., Berends, H., & Tuertscher, P. (2018). Keeping goals relevant in multi-actor collaborations. *Academy of Management Proceedings*, 2018(1), 17198.

Berends, H., Deken, F., & Hummel, J.T. 2018. Digitization and the development of platform strategies in home automation. *Academy of Management Proceedings*, 2018(1), 17745.

Hummel, J.T., Berends, H., & Tuertscher, P. (2017). What do we have in common? The development of common resources in a meta-organization. In *Academy of Management Proceedings*, 2017(1), 17600.

Hollen, R.M.A., Van Den Bosch, F.A.J., & Hummel, J.T. (2015). How changes in the organizing and managing of meta-organizations contribute to their performance. In *Academy of Management Proceedings*, 2015(1), 18897.

PRESENTATIONS

Peer-reviewed conference presentations

- 2019 How do you know what I need? Defining requirements in developing artificial intelligence for litigation, International Conference on Information Systems 2019 (Munich, DE)
- 2019 What do we have in common? A study on the development of an infrastructure of common resources, 6th Innovation in Information Infrastructures Workshop (Guildford, UK)
- 2019 What do we have in common? A study on the development of an infrastructure of common resources, DigiEra 2019 conference (Monte Verita, CH)
- 2018 Keeping goals relevant in multi-actor collaborations. 78th Annual Meeting of the Academy of Management (Chicago, IL)
- 2018 Keeping goals relevant in multi-actor collaborations. 13th Organization Studies Summer Workshop (Samos, GR)
- 2017 Goal dynamics in interorganizational collaborations. 77th Annual Meeting of the Academy of Management (Atlanta, GA)
- 2017 What do we have in common? The development of common resources in a meta-organization. 77th Annual Meeting of the Academy of Management (Atlanta, GA)
- 2017 Collective action among heterogeneous actors in a meta-organization. 33rd EGOS Colloquium (Copenhagen, DEN)
- 2017 Dimensions of open innovation: A systematic review and comparison of knowledge flows and system architectures. DRUID 17 (New York, NY)
- 2016 Processes of polycentric governance in Helix Nebula. 76th Annual Meeting of the Academy of Management (Anaheim, CA)
- 2016 The development of platform strategies for coopetition in home automation. Strategic Management Society Special Conference 2016 (Rome, IT)
- 2015 How changes in the organizing and managing of meta-organizations contribute to their performance. 75th Annual Meeting of the Academy of Management (Vancouver, BC)
- 2015 Dimensions of openness in innovation processes. 31st EGOS Colloquium (Athens, GR)

Competitive Workshop Symposia

- 2019 JAIS-MISQE Joint Special Issue workshop: “Artificial Intelligence in Organizations”, International Conference on Information Systems 2019 (Munich, DE)
- 2017 Participant PDW on ‘Big Science Centers in a new era: Challenges and opportunities for research and practice’. Technical University of Denmark & ESS (Lund, SWE)
- 2017 Participant panel symposium ‘Designing Organizations to ‘Win’ in Pluralistic Settings’. 77th Annual Meeting of the Academy of Management (Atlanta, GA)
- 2016 Processes of decentralized governance in Helix Nebula. Connections in Action workshop, University of Warwick (Coventry, UK)
- 2016 Participant panel symposium ‘Collective Action II: Exploring New Connections between Collaboration, Technology, and Organization Design’. 76th Annual Meeting of the Academy of Management (Anaheim, CA)
- 2015 Participant OMT Dissertation Proposal Workshop. 75th Annual Meeting of the Academy of Management (Vancouver, BC)

Invited presentations

- 2017 Keeping goals relevant – A study on the collaboration between Big Science and Big Business. Winter Doctoral Conference, Judge Business School (Cambridge, UK)
- 2017 What do we have in common? The development of common resources in Helix Nebula. ABRI PhD Day, Vrije Universiteit Amsterdam (Amsterdam, NLD)
- 2016 Processes of polycentric governance in Helix Nebula. Helix Nebula 8th General Assembly, European Space Agency (Frascati, IT)
- 2016 Exploring the value of INFOaaS – Recap of student projects. Helix Nebula 7th General Assembly, European Molecular Biology Lab (Heidelberg, GER)

ACADEMIC SERVICE

Review

2020	Reviewer 80 th Annual Meeting of the Academy of Management (OMT, TIM)
2019–now	Reviewer for Technovation
2019	Reviewer for Innovation: Organization & Management
2019	Reviewer for Organization Studies
2019	Reviewer 6th Innovation in Information Infrastructures (III) Workshop
2019	Reviewer 2019 International Conference on Information Systems (ICIS)
2019	Reviewer 79 th Annual Meeting of the Academy of Management (OMT, TIM)
2018	Reviewer in selected reviewing committee DRUID18
2018	Reviewer 78 th Annual Meeting of the Academy of Management (OMT, TIM)
2017	Reviewer 2017 International Conference on Information Systems (ICIS)
2017	Reviewer 77 th Annual Meeting of the Academy of Management (OMT, TIM)
2016	Reviewer 76 th Annual Meeting of the Academy of Management (OMT, TIM)
2015	Reviewer 75 th Annual Meeting of the Academy of Management (OMT, TIM)

Academic volunteer work

2020	Participant OTREG at Cambridge Judge Business School, 24 February 2020
2018–20	Review committee Warwick Business School PhDs
2018	Session chair OCIS division, 78 th Annual Meeting Academy of Management
2017	Session chair DRUID 17
2017	Volunteer TIM division representative AOM membership committee
2016–2019	Volunteer interviewer ASQ Blog (https://asqblog.com)
2016–2018	Volunteer OMT Division social media team
2016	Volunteer organizer KIN reading group
2015–2018	Volunteer developer and organizer KINTalks linking business and academia

TEACHING

2020	Module leader Digital Business Strategy (WBS, PG)
2020	Senior Tutor 1 st year undergraduate students (WBS)
2019–now	Module leader Managing Strategy in the Digital Era (WBS, 3 rd year UG) Evaluation 2020: 4.52 (N=41) (1.00 to 5.00 score band) Evaluation 2019: 4.74 (N=28) (1.00 to 5.00 score band)
2019	Teacher Business IT and Services (WBS, PG) Evaluation 2019 #1: 4.75 (N=61) (1.00 to 5.00 score band) Evaluation 2019 #2: 4.71 (N=70) (1.00 to 5.00 score band)
2019–now	Tutor of 24 undergraduate students (WBS)
2014–2018	Tutorial teacher Strategic Management of Technology & Innovation 3.1 (VU) Evaluation 2017: 4.42 (N=13) (1.00 to 5.00 score band, dep. average: 3.93) Evaluation 2016: 4.33 (N=15) (1.00 to 5.00 score band, dep. average: 3.93) Evaluation 2015: 4.54 (N=13) (1.00 to 5.00 score band, dep. average: 3.98)
2015–2018	Tutorial teacher Business Research Methods 2.4 (VU) Evaluation 2017: 4.83 (N=22) (1.00 to 5.00 score band, dep. average: 3.87) Evaluation 2016: 4.81 (N=14) (1.00 to 5.00 score band, dep. average: 3.93) Evaluation 2015: 4.80 (N=15) (1.00 to 5.00 score band, dep. average: 3.90)
2016–2018	Tutorial Teacher Technology & Innovation Processes 4.2 (VU) ESA project coordinator
2014–2018	Thesis supervision BA undergraduates (VU)
2014	Tutorial teacher Knowledge Management 3.2 (VU) Evaluation 2014: 4.87 (N=18) (1.00 to 5.00 score band, dep. average 3.90)

Invited and voluntary teaching

2019	Invited lecturer Programming Solutions for Enterprises at Warwick Business School
2019	Invited workshop teacher Dissertation MSISDI at Warwick Business School
2017	Invited lecturer PhD teaching seminar Cambridge Judge Business School
2017	Invited lecturer MPhil course on digital methods for qualitative data
2016	Invited lecturer MPhil course on developing academic reading skills

SOCIETAL IMPACT

Presentations

2020	Presentation at Cambridge Science Festival. From policing to fashion: how the use of artificial intelligence is shaping our work. 10 March 2020.
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Industry publications

2019	Hummel, J.T. 2019. How being 'selfish' serves the collective interest in the end. KIN Research, White paper, available here .
2019	Oomens, T. Samen innoveren is complex (Gebaseerd of PhD onderzoek J.T. Hummel). MarketingTribune, 14, available here .

LANGUAGES AND HOBBIES

Spoken	English, Dutch, German (basic)
Computer	R, Python
Hobbies	Reading, marathon running

REFERENCES

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