

Oana Vuculescu
Associate professor
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Research and academic interests

Artificial intelligence, emerging technologies, explainable AI, innovation management, complex adaptive systems, computational social science

Affiliations

Affiliated researcher: Harvard Innovation Lab
Affiliated researcher: Cognition and Behaviour Lab, Aarhus University
Affiliated researcher: Interacting Minds Centre, Aarhus University

Academic experience

August 2021 Associate professor, Aarhus University
March-April 2018 Visiting researcher LUISS Guido Carli University, Rome

2017 – Aug 2021 Assistant professor Innovation Management – Department of Management, Aarhus University

April 2016 – Feb 2017 Postdoctoral Fellow – position funded jointly by the Department of Management, the Interacting Minds Center and the Department of Astronomy and Physics.

Sept 2013 – Feb 2014 Visiting PhD student, Scuola Superiore Sant’Anna – Pisa, Italy

2013 – 2016 PhD Fellow Innovation management group, Department of Business Administration, Aarhus University, Denmark. Project title: *Searching Far Away from the Lamp Post - Essays on Problem Solving Strategies*

Academic awards

2019 Best conference paper nominee – Strategic Management Society, Annual Conference Frankfurt, for Cognitive Micro-foundations of Search
2016 Best PhD student paper (with co-author Carsten Bergenholtz) at the Behavioral Strategy Interest Group, Strategic Management Society, Annual Conference, Berlin 2016

Grants

2017- 2021 Volkswagen Stiftung 92173 Grant “The Emergence of Inequality in Social Groups” Co-PI with Milena Tsvetkova and Claudia Wagner (EUR 853,800)
2016 IMC Seed Funding grant for the project “Reference points in solution generation” ~7000\$ (40.000DKK) (PI)
2015 IMC Seed Funding grant for the project “Avoiding fixation effects in collective problem solving” ~15.000\$ (PI)
2014 IMC Seed Funding grant for the project “Problem representation, social influence and collective problems solving” ~5000\$ (30.000DKK)

Conferences and presentations (selected)

- 2022 Theoretical Organization Models Conference, Rome, Italy: *Help – I need somebody? Comparing groups' and individuals' search behavior across problem complexity*/ Kock Mads, Vuculescu, Oana; Sherson, Jacob, Bergenholtz, Carsten;
- 2020 Cognitive society, 42nd Annual conference online: *An empirical investigation of adaptive search*, with MacAulay S., Stausberg N., Sergeev R, Ham H
- 2020 International Conference on Computational Social Science, online, *Social comparison increases disparities in effort and performance: Evidence from online contests*, with Tsvetkova, M., Muller, S., Ham, H., and Sergeev, R
- 2020 International Conference on Computational Social Science, online, *The effect of endowment and wealth visibility on inequality*, with Milena Tsvetkova and Claudia Wagner
- 2020 Organization Science Winter Conference (to be rescheduled) *What do the experts do: An empirical investigation of adaptive search*, with MacAulay S., Stausberg N., Sergeev R, Ham H
- 2019 Cognitive society, 41st Annual conference, Montreal, Canada: *Cognitive Micro-foundations of Search*, with Carsten Bergenholtz and Ali Amidi
- 2019 Theoretical Organization Models Conference, Frankfurt, Germany: *On the Slow Emergence of Novelties*, with Carsten Bergenholtz, Maxime Derex and Luigi Marengo
- 2019 Strategic Management Society, Annual Conference, Frankfurt, *Cognitive Micro-foundations of Search*, with Carsten Bergenholtz and Ali Amidi
- 2019 International Conference on Computational Social Science, Amsterdam, Netherlands: *The effect of visibility of endowment heterogeneity and wealth on inequality*, Milena Tsvetkova, Vuculescu Oana and Claudia Wagner
- 2018 Academy of Management Annual meeting, *The Ikea effect in problem solving*/Vuculescu, Oana; Bergenholtz, Carsten; Beretta, Michela
- 2018 Culture Conference: Evolutionary perspectives on culture, *Cooling down atoms: How humans engage in collective, adaptive search when solving a novel and complex problem*, Heck, R., Vuculescu et al, presented by Carsten Bergenholtz
- 2017 International Conference on Computational Social Science, Cologne, Germany: *The Ikea effect in problem solving*/Vuculescu, Oana; Bergenholtz, Carsten; Beretta, Michela
- 2017 Theoretical Organization Models Conference, Rome, Italy: *The Ikea effect in problem solving*/Vuculescu, Oana; Bergenholtz, Carsten; Beretta, Michela
- 2016 Strategic Management Society, Annual Conference, Berlin: *Micro-foundations of Problem Solving: What Determines How Individuals Search?* with Carsten Bergenholtz
- 2016 Theoretical Organization Models Conference, MIT, Boston, USA: *Fitness landscapes in organizational theory: research challenges and future directions*/Vuculescu, Oana; Bergenholtz, Carsten; Kock Pedersen, Mads; Sherson, Jacob
- 2016 Open and User Innovation Workshop, Harvard Business School, Boston, USA: *The microfoundations of search*/Vuculescu, Oana & Bergenholtz, Carsten, presented by Carsten Bergenholtz
- 2016 20th Druid Conference: *Fitness landscapes in organizational theory: research challenges and future directions*/Vuculescu, Oana; Bergenholtz, Carsten; Kock Pedersen, Mads; Sherson, Jacob
- 2016 20th Druid Conference: *The microfoundations of search*/ Vuculescu, Oana & Bergenholtz, Carsten, presented by Carsten Bergenholtz