

Oana Vuculescu

Research assistant

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Research interests

Human and computational problem solving, innovation management, complex adaptive systems, innovation as search, computational social science

Academic experience

April 2016 Research Assistant – position funded jointly by the Department of Management, the Interacting Minds Center and the Department of Astronomy and Physics.

Feb 2014 Visiting PhD Fellow – 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*

2012-2013 Research assistant, Innovation management group, Department of Business Administration,

Aarhus University, Denmark

2009-2013 Master of Science in Innovation Management, Department of Business Administration, Aarhus University, Denmark

2003-2007 BA in International Economics, Academy of Economic Studies, Bucharest, Romania

Peer reviewed publications

P1: 2016 Vuculescu, Oana: *Searching far away from the lamp-post: an agent based model*, special issue of “Strategic Organization”: Organizing Crowds and Innovation, FORTHCOMING (level 2)

P2: 2014 Vuculescu, Oana; Bergenholtz, Carsten: *How to solve problems with crowds: A computer-based simulation model*, in Creativity and Innovation Management, vol. 23 (2), pp. 121-136 (level 2)

Working papers

P3: Vuculescu, Oana & Bergenholtz, Carsten. *The microfoundations of search* (intended outlet: Strategic Management Journal)

P4: Vuculescu, Oana; Bergenholtz, Carsten; Kock Pedersen, Mads; Sherson, Jacob. *Fitness landscapes in organizational theory: research challenges and future directions* (Intended outlet: Organization Science)

Conferences and presentations

- 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
- 2015 Organizing Crowds and Innovation Conference, Oxford: *Searching far away from the lamp-post: an agent based model*/Vuculescu, Oana, conference in connection with Strategic Organization special issue on “Organizing Crowds and Innovation” edited by Teppo Felin (University of Oxford), Karim Lakhani (Harvard University) and Michael Tushman (Harvard University)
- 2013 Academy of Management Annual meeting, Discussion Paper session: *How to solve problems with crowds: A computer-based simulation model*/Vuculescu, Oana; Bergenholtz, Carsten.
- 2012 10 Open and User Innovation Workshop, Harvard Business School, Boston USA: *Collective problem solving – computer simulation models*/Vuculescu, Oana; Bergenholtz, Carsten, presented by Carsten Bergenholtz

Academic awards, honors and grants

- 2015 Recipient of the PhD Student of the Year Award Aarhus University - Department of Business Administration
- 2014 IMC Seed Funding grant for the project “Problem representation, social influence and collective problems solving” 30.000 DKK (PI)
- 2015 IMC Seed Funding grant for the project “Avoiding fixation effects in collective problem solving” 100.000 DKK (PI)
- 2016 IMC Seed Funding grant for the project “Reference points in solution generation” 40.000 DKK (PI)
- 2016 ICOA Seed Funding grant for “Online tool for modeling the design of collective problem solving” 20.000 DKK (PI)

PhD courses/Workshops

- Graduate Workshop in Computational Social Science Modeling and Complexity, Santa Fe Institute, Santa Fe 2014
- Introduction to Agent Based Modeling and Simulation – 4th Summer School of the European Social Simulation Association(ESSA), Technical University of Hamburg-Harburg - Hamburg 2013
- Simulation and modeling, International Doctoral Program in Economics, Scuola Superiore Sant’Anna – Pisa 2013

Activities

- Ad hoc reviewer for the Journal of Creativity and Innovation Management – 2016
- Reviewer for the 2013-2016 Academy of Management Annual Meetings, TIM division

U-days 2015 – Introduction to “Philosophy of Science and Methodology”

Affiliations

Member of ‘*AU Network for the Computational Modeling of Complex Interactions*’ (led by Jacob Sherson)

Affiliated researcher: Cognition and Behaviour Lab, Aarhus University

Affiliated researcher: Interacting Minds Centre, Aarhus University

Technical skills

General programming languages: C++, Java, Matlab, Python, Javascript, HTML

Statistics packages: SAS, R, SPSS