

# Elena Parmiggiani

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## CURRENT AND PREVIOUS ACADEMIC POSITIONS

- 2019-today **Associate Professor**  
Dept. of Computer Science, NTNU, Norway
- 2016-2019 **Postdoctoral fellow**  
Dept. of Computer Science, NTNU, Norway
- 2018 **Postdoctoral fellow**  
Interact Research Unit, University of Oulu, Finland (January-June)
- 2015 **Researcher**  
Dept. of Computer Science, NTNU, Norway
- 2012-2015 **PhD candidate**  
Dept. of Computer Science, NTNU, Norway
- 2011-2012 **Researcher**  
Facoltà di Ingegneria Enzo Ferrari, Università di Modena e Reggio Emilia, Italy
- 2011 **Freelance consultant**  
Area: development of tools for machine learning-based knowledge representation

## EDUCATION

- 2015 **PhD in Information Systems**  
Thesis title: *“Integration by infrastructuring: The case of subsea environmental monitoring in oil and gas offshore operations”*, supervisor: Prof. Eric Monteiro, co-supervisors: Prof. Il Vidar Hepsø, Prof. Jon Atle Gulla. Thesis available as [PDF](#).  
Dept. of Computer Science, NTNU, Norway. Disputation date: September 21<sup>st</sup>, 2015
- 2010 **Master of Science in Computer Engineering**  
Facoltà di Ingegneria Enzo Ferrari, Università di Modena e Reggio Emilia, Italy  
Thesis title: *“A Semantic recommendation System for mobile devices: design and development”*, supervisors: Prof. Sonia Bergamaschi, Prof. Monica Divitini (performed at Department of Computer Science, NTNU). Thesis available as [PDF](#).
- 2008 **Bachelor of Science in Computer Engineering**  
Facoltà di Ingegneria Enzo Ferrari, Università di Modena e Reggio Emilia, Italy

## EDUCATION FOR TEACHING AND SUPERVISION

- 2020 Competence for university teaching certificate, NTNU
- 2018 Doctoral supervision certificate, NTNU

## PROFESSIONAL QUALIFICATIONS

2010 Professional qualification examination, license to practice as information engineer  
Università di Modena e Reggio Emilia, Italy

## MOBILITY

2014 **Exchange PhD student**  
Institute for the Study of Science, Technology and Innovation, University of Edinburgh, UK (May; supervisor: Robin Williams)

2014 **Exchange PhD student**  
IT University, Copenhagen, Denmark (September; supervisor: Pernille Bjørn)

2010 **Exchange master student** (Master thesis project)  
Dept. of Computer Science, NTNU, Norway (supervisor: Monica Divitini)

## PROJECT MANAGEMENT EXPERIENCE (most relevant participations only)

2020-today Management team of the project “Frida@Work”, funded by NAV

2020-today Work package leader in the project “AI4USERS”, funded by the Norwegian Research Council (IKTPLUSS)

2019-today Management team of the project “Digital Choreographies for Oil & Gas in the Arctic (DICOGA)”, funded by the Danish Research Council, with Equinor and SDU

2018-2019 Work package leader and management team in the project “AlgoCult: Algorithmic Cultures and the Digitalization of the public sector”, funded by the Norwegian Research Council (SAMKUL)

2017-2018 Work package leader and management team in the project “InfraData (Infrastructuring Internet of Things in Public Governance)”, funded by the Norwegian Research Council (IKTPLUSS)

## COMMISSIONS OF TRUST

2017-today Norwegian Representative in the Board of the IRIS Association (Scandinavian Chapter of Association of Information Systems)

2017-today Member of the Advisory Board of the Scandinavian Journal of Information Systems (SJIS)

2017-today Sensor (master and PhD) at the University of Oslo and Kristiania University College

2015-today Reviewer for SJIS; MISQ; Computer Supported Collaborative Work (CSCW); European Conference on CSCW (ECSCW); Organization Studies; Journal of Cultural Economy; PeerJ; ACM CHI Conference on Human Factors in Computing Systems (CHI); European Conference on Information Systems (ECIS); International Conference on Information Systems (ICIS); Health Informatics Journal; Social Studies of Science (SSS) journal.

## ORGANISATION OF SCIENTIFIC MEETINGS

- 2021 (in progress) Program chair for the 12th Scandinavian Conference in Information Systems & 44th IRIS Seminar, Trondheim, NO.
- 2019 Co-organizer and panel chair in the Organizations and Society in Information Systems (OASIS) Pre-ICIS Workshop on Post-Digitalization, Dec, Munich, DE.
- 2018 Co-organizer of 2-day workshop to wrap-up and disseminate the results of the "InfraData" project, Kristiania University College, Oslo, NO.
- 2018 Co-organizer of panel "*Infrastructuring in STS - What does infrastructuring look like? When does it look like that?*" at European Association for Social Studies of Technology (EASST), July, Lancaster, UK.
- 2018 Co-organizer of workshop "*Infrastructuring in Participatory Design*", at the Participatory Design Conference (PDC), August, Hasselt/Genk, BE.
- 2018 Co-organizer of two-day workshop on environmental data management and modelling "*Little data, big data, no data? Data management in the era of research infrastructures*", 26-27<sup>th</sup> April, Hyytiälä research station, FI.
- 2017 Co-organizer of track on "*Internet of Things in Organizational Life*", at the European Conference in Information Systems (ECIS) 6-8 June, Guimaraes, PT.

Program committees: ECSCW2019, I3E 2019, GOODTECH 2018.

## MEMBERSHIPS OF SCIENTIFIC SOCIETIES

- 2012-today Association for Information Systems (AIS)
- 2013-today Society for Social Studies of Science (4S)
- 2016-today History of Science Society (HSS)

## LANGUAGES

English: proficient user  
Norwegian: proficient user  
Italian: mother tongue  
French: basic speaking/writing; independent reading

## 10 SELECTED PUBLICATIONS (for all publications, see <https://elenaparmiggiani.com/publications/>)

- Parmiggiani, E, and Grisot, M, (2020). Data Curation as Governance Practice, Scandinavian Journal of Information Systems 32(1): Article 1.
- Monteiro, E, Parmiggiani, E. 2019. *Synthetic Knowing: The Politics of Internet of Things*. MIS Quarterly, vol. 43(1):167-184.
- Di Loreto, I, and Parmiggiani E, (2019). Inquiring the Way We Inquire (Introduction to the Special Focus Section), IxD&A, (38).
- Parmiggiani, E, Monteiro, E, 2018. *Shifting Baselines? Recommendations for Green IS*. International Conference in Information Systems, 13-16 December 2018, San Francisco, USA.

- Parmiggiani, E, Karasti, H, 2018. *Surfacing the Arctic: Politics of Participation in Infrastructuring*. Participatory Design Conference (PDC), 5-8 August 2018, Hasselt/Genk, BE.
- Parmiggiani, E, 2017. *This is not a fish: On the scale and politics of infrastructure design studies*. Computer Supported Cooperative Work (CSCW). vol. 26(1-2):205-243.
- Parmiggiani, E, Monteiro, E, 2016. *A Measure of 'Environmental Happiness': Infrastructuring Environmental Risk in Offshore Oil and Gas Operations*. Science & Technology Studies 29(1):30-51.
- Parmiggiani, E, Monteiro, E, Østerlie, T, 2016. *Synthetic Situations in the Internet of Things*. IFIP WG8.2 Working Conference, Dublin, Ireland, Dec. 9-10, 2016.
- Parmiggiani, E, Monteiro, E, Hepsø, V, 2015. *The Digital Coral: Infrastructuring Environmental Monitoring*. Computer Supported Cooperative Work (CSCW) 24(5):423-460.
- Parmiggiani, E, Monteiro, E, 2015. *The Nested Materiality of Environmental Monitoring*. Scandinavian Journal of Information Systems 27(1): 33-54.