Research outputs:

**Dynamism in complex engineering: explaining uncertainty growth through uncertainty masking**
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

**Process modularity over time: modelling process execution as an evolving activity network**
Research output: Contribution to journal › Journal article – Annual report year: 2019 › Research › peer-review

**Tracing paths and connecting multiple design domains: An information visualisation approach to product architecture modelling**
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2019 › Research › peer-review

**Networked capabilities for sustainable energy solutions**
Research output: Chapter in Book/Report/Conference proceeding › Report chapter – Annual report year: 2018 › Research › peer-review

**Data-driven engineering design research: Opportunities using open data**
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2017 › Research › peer-review

**Characterizing Design Process Interfaces as Organization Networks: Insights for Engineering Systems Management**
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

**Net-Sights: A Practical Guide: Network insights for collaborative sustainable production**
Research output: Book/Report › Report – Annual report year: 2016 › Research › peer-review

**Network Insights for Partner Selection in Inter-Organisational New Product Development Projects**
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2016 › Research › peer-review

**Using Network Science to Support Design Research: From Counting to Connecting**
Research output: Chapter in Book/Report/Conference proceeding › Book chapter – Annual report year: 2016 › Research › peer-review
A Networked Perspective on the Engineering Design Process: At the Intersection of Process and Organisation Architectures

Complexity Management for Projects, Programmes, and Portfolios: An Engineering Systems Perspective
Research output: Book/Report › Report – Annual report year: 2015 › Research

Information Flow Through Stages of Complex Engineering Design Projects: A Dynamic Network Analysis Approach
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Unfolding the design process architecture: A networked perspective on activities
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2015 › Research › peer-review

Evolution of Information Control and Centralisation Through Stages of Complex Engineering Design Projects
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2014 › Research › peer-review

An Activity-Centric Network Model of Engineering Design as a Social Process
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2013 › Research › peer-review

Information Flows in Networked Engineering Design Projects
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2013 › Research › peer-review

Mapping industrial networks as an approach to identify inter-organisational collaborative potential in new product development
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2012 › Research › peer-review

Towards describing co-design by the integration of Engineering Design and Technology and Innovation Management literature
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2012 › Research › peer-review

Tracking the 2011 Student-led Movement in Chile through Social Media Use
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2012 › Research › peer-review

Projects:

EURITO: EU Relevant, Inclusive, Timely, Trusted, and Open Research Innovation Indicators
Maier, A., Parraguez Ruiz, P., Idrissov, A. & Bravo, A.
01/01/2018 → 31/12/2020
Project: Research

Using Systems Visualisations for Decision Support
Bravo, A., Maier, A. & Parraguez Ruiz, P.
01/10/2018 → 30/09/2021
Project: PhD

Designing Systems Visualisations for Decision Support
Idrissov, A., Maier, A. & Parraguez Ruiz, P.
EU-finansieret
01/02/2018 → 31/01/2021
Project: PhD

AMICa: AMICa - Advanced Mapping of Industrial Capabilities for Climate
Parraguez Ruiz, P. & Maier, A.
Climate-KIC Pathfinder
10/05/2017 → 30/12/2017
Project: Research

Cross-boundary co-design in the Danish cleantech industry: Networked innovation with design at the centre
Parraguez Ruiz, P., Maier, A., McAloone, T. C., Sosa, M. & Steinert, M.
Technical University of Denmark
15/12/2011 → 24/08/2015
Project: PhD

Net-Sights: Net-Sights: Network insights for collaborative sustainable production
Maier, A., Parraguez Ruiz, P. & Salomo, S.
01/05/2015 → 30/12/2016
Project: Research

Network-based insights for innovation and decision making support
02/03/2015 → 24/06/2015
Project: Research

Activities:

From Counting to Connecting at KU's Digital Social Science Lab: Network Visualisations and Complex Social Systems
Pedro Parraguez Ruiz (Keynote speaker)
18 Feb 2016
Activity: Talks and presentations › Conference presentations

Speaker at TEDx Bradford (UK)
Pedro Parraguez Ruiz (Invited speaker)
Mar 2014
Activity: Talks and presentations › Conference presentations

Open by Default
Pedro Parraguez Ruiz (Organizer)
29 Nov 2013
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Presentation at BarabasiLab about networked engineering design projects
Pedro Parraguez Ruiz (Invited speaker)
26 Nov 2013 → 27 Nov 2013
Chevron Information Technology Company - MIT Visit
Pedro Parraguez Ruiz (Invited speaker)
19 Sep 2013

Massachusetts Institute of Technology
Pedro Parraguez Ruiz (Visiting researcher)
1 Sep 2013 → 21 Dec 2013

Prizes:

Otto Mønsteds Fond Conference Scholarship
Pedro Parraguez Ruiz (Recipient), 2014

Outstanding Contribution Best Paper Award at DESIGN2016
Pedro Parraguez Ruiz (Recipient) & Anja Maier (Recipient), May 2016

Reviewers’ Choice Best Paper Award at ICED15
Pedro Parraguez Ruiz (Recipient) & Anja Maier (Recipient), Jul 2015

Second place at the international competition Descience
Pedro Parraguez Ruiz (Recipient), Aug 2014

The Idella Foundation Travel Scholarship
Pedro Parraguez Ruiz (Recipient), 1 Apr 2013

Press clippings:

Guest article for Dataconomy "The cart before the horse in data-science projects: back to basics:
Pedro Parraguez Ruiz
17/10/2018
1 Media contribution
Press/Media: Press / Media

Media interview on complex engineering systems for ChileGlobal
Pedro Parraguez Ruiz
01/01/2014
1 Media contribution
Press/Media: Press / Media