SAVE THE DATE

16th International Workshop on
DESIGN THEORY
Special Interest Group
of the Design Society

30th January – 31st January 2023

Organized by the **Chair of Design Theory and Methods for Innovation** | CGS – I3 – MINES ParisTech – PSL University
Contact: stephanie.brunet@mines-paristech.fr

5th Tutorial of the DESIGN THEORY SIG
27th – 29th JAN, 2021 in Paris

Special Interest Group on
DESIGN THEORY
of the International Design Society

the **Design Society**
a worldwide community

BASIC COURSES

Design Theory:
history, tradition & contemporary challenges

Generativity

Knowledge Structure

Social Spaces

ADVANCED COURSES

Biomimetic with design theory

Parameter analysis method with design theory

Empirical analysis of failures in design

Automated search in digital innovation

Creativity & design theory

**Master Class &
Publishing in Design Theory**

MINES ParisTech
60 Boulevard Saint Michel Paris 75006, France
http://designtheory.sciencesconf.org/
Contact: benjamin.cabanes@mines-paristech.fr

See you next year in Paris !

ABOUT THE 15TH SIG DESIGN THEORY PARIS WORKSHOP

Scientific content of the workshop:

We welcome contributions in the areas of the Design Theory SIG :

1. Design Theory and other disciplines: AI, cognition, engineering sciences, data science, biology, physics...
2. The value of Design Theory for practitioners
3. Design Theory and Education
4. Design Theory and perception theory: reception and critic of design, identity of objects
5. Design theory and the economics of design

Organization of the workshop

Different types of sessions will be held during the two days (9am-6pm):

1. Substantial presentations (45mn-1hour) of ongoing research in the research areas of the SIG
2. Round tables and/or open discussions on new approaches and emerging issues
3. Parallel workshops will be held to facilitate subgroup meetings on special topics or to discuss new research plans that could benefit from the cooperation of several SIG members and lead to new insights and co-publications

Special sessions

Based on the work done during the last workshops, we will have special parallel sessions to discuss special topics:

- Design theory and creation in philosophy and culture
- Design theory and Artificial Intelligence
- Design theory and cognition and psychology
- Design theory and management

Interested ?

To participate to the workshop please send a short abstract of (no more than two pages) or a paper (published or unpublished).

ABOUT THE 5TH SIG TUTORIAL ON DESIGN THEORY

The 4th Design Theory Tutorial goal is to provide relevant, inspiring and actionable knowledge to researchers looking to increase their knowledge and competencies in Design Theory. It is an introduction to design theory for PhD students.

Participants

Target audience is scholars, especially PhD students, who are interested in research topics related to design theory.

All professors of the tutorial are international researchers from leading labs working on Design Theory (Carnegie Mellon University, Tel Aviv University, Otto-von-Guericke University, ORT Braude College, Worcester Polytechnic Institute, James Madison University, MINES ParisTech, etc.)

Objectives

- **Learn** some of the foundational models used in design theory and research, their relationship and the historical context within which they were proposed,
- **Develop** skills in applying a variety of design methods in various situations for different purposes – including for research,
- **Interact** with and learn from specialist researchers in the field to develop and refine research questions and to build future collaborations.

Interested ?

To participate to the tutorial days, please send us a short summary of no more than two pages on your PhD project. We will accept the participation requests based on limited available capacity.

NOTE: Senior scholars are also warmly welcome – please send a short note of about two pages on your research program and the reasons for your interest in attending the tutorial.

SUBMISSIONS AND REGISTRATION: IMPORTANT DATES

THE PLATEFORM FOR REGISTRATIONS/SUBMISSIONS WILL BE AVAILABLE FROM THE 1ST OF APRIL 2023 at **https://designtheory.sciencesconf.org/**

Title and abstract for the workshop	October 28th, 2022
PhD project for the tutorial, two pages	October 28th, 2022
Authors informed of abstracts acceptance	Beginning of December, 2022
Participants informed of the program	End of December, 2022

COMMITTEES
SIG Design Theory

Pascal Le Masson, MINES Paristech, France (chair)
Eswaran Subrahmanian, CMU, USA (co-chair)
Yoram Reich, Director of Computational Systems Lab, Tel Aviv University, Israel
Armand Hatchuel, MINES ParisTech, France
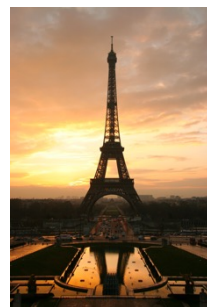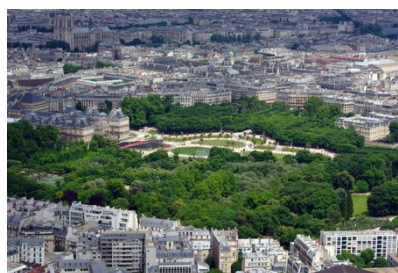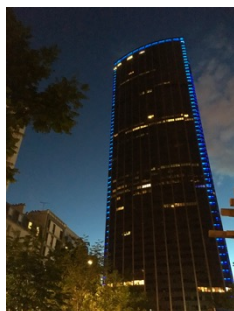Maxime Thomas, MINES ParisTech, France (secretary)

Tutorial on Design Theory

Scientific Committee:
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