



# SAVE THE DATE

**DESIGN THEORY  
WORKSHOP**  
3<sup>rd</sup> – 4<sup>th</sup> FEB 2025

**DESIGN THEORY  
TUTORIAL**  
5<sup>th</sup>-6<sup>th</sup>-7<sup>th</sup> FEB 2025

18<sup>th</sup> International Workshop on  
**DESIGN THEORY**  
Special Interest Group  
of the Design Society

3<sup>rd</sup> – 4<sup>th</sup> February 2025

**i3** Institut Interdisciplinaire de l'Innovation  
the **Design Society** a worldwide community  
design theory and methods for innovation  
Fondation MINES PARIS  
MINES PARIS | PSL |

Organized by the **Chair of Design Theory and Methods for Innovation** | CGS – IS – Mines Paris – PSL University  
Contact: [stephanie.brunet@minesparis.psl.eu](mailto:stephanie.brunet@minesparis.psl.eu)

9<sup>th</sup> Tutorial of the  
**DESIGN THEORY SIG**  
5<sup>th</sup> - 6<sup>th</sup> - 7<sup>th</sup> February, 2025 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

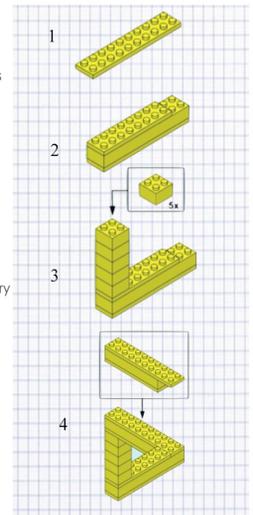
Parameter analysis method with design theory

Empirical analysis of failures in design

Automated search in digital innovation

Creativity & design theory

**BREAKOUT GROUPS :**  
**Explore your Thesis with Design Theory**



Mines Paris - PSL University  
60 boulevard Saint Michel Paris 75006, France  
<http://designtheory.sciencesconf.org/>



See you next year in Paris !



# ABOUT THE 18<sup>TH</sup> 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.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

## Interested ?

To participate to the workshop please send a short abstract of (no more than two pages) or a paper (published or unpublished).



## Special sessions

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

- Design theory for sustainable innovation
- Design theory and artificial intelligence
- Deepening the foundations of design theory
- Design theory and cognition
- Design Theory, arts & craft and education



# ABOUT THE 9<sup>TH</sup> SIG TUTORIAL ON DESIGN THEORY

The 9th 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 Paris, 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 PLATFORM FOR REGISTRATIONS/SUBMISSIONS WILL BE AVAILABLE FROM THE 1<sup>ST</sup> OF APRIL 2024 at <https://designtheory.sciencesconf.org/>

Title and abstract for the workshop	October 25th, 2024
PhD project for the tutorial, two pages	October 25th, 2024
Authors informed of abstracts acceptance	Middle of December, 2024
Participants informed of the program	Beginning of January, 2025

## COMMITTEES

### SIG Design Theory

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

### Tutorial on Design Theory

#### Scientific Committee:

Armand Hatchuel, Mines Paris, France  
Ehud Kroll, ORT Braude College, Israel  
Pascal Le Masson, Mines Paris, France, France  
Yoram Reich, Tel Aviv University, Israel  
Eswaran Subrahmanian, Carnegie Mellon University, USA  
Gaetano Cascini, Politecnico di Milano, Italy  
Benoit Weil, Mines Paris, France

#### Organizer:

Maxime Thomas, Mines Paris, France  
Alexandre Azoulay, Mines Paris, France  
Stéphanie Brunet, Mines Paris, France



<http://www.tmci.mines-paristech.fr/design-theory/>

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