

# **16<sup>th</sup> Society and Materials**

## **SAM-16 International Conference**

**Process and Product Ecodesign  
Social & Economic Innovation  
Functional & Circular Economy  
Sustainable Development**



**8-9 November 2022, on line**

**First Circular - Call for papers**

## Society And Materials

The next Society and Materials conference, SAM-16, will take place **on line on 8 to 9 November, 2022**.

For more than **16** years, SAM conferences have been an international forum for exchanging on new methodologies, new concepts and new issues that connect materials and society from different perspectives, ranging from social to engineering sciences.

As such, they have been a laboratory for thought and for knowledge experiments, which have produced about **800** papers and introduced some of the best intuitions in these areas - which were then further developed elsewhere.

Issues and questions sitting at the heart of contemporary societal challenges and of expected paradigm shifts are also being covered as a kind of application lab.

Some special disciplines like Material Flow Analysis or Life Cycle Assessment, have been **an important part** of the meetings, as long as they were focusing on new directions and on innovative methodologies.

More scientific approaches, driven by social science, economics or materials science have also been presented. The focus was always on pluridisciplinarity and interdisciplinarity.

The **16<sup>th</sup> edition** should reflect the same level of curiosity, inquisitiveness, intellectual boldness and innovative thinking as the previous ones!

This is why we hope to listen to you next May!

**The organizing committee**

## Main conference themes

*Scientific approaches:*

- New developments in LCA, MFA (Material Flow Analysis) and method-logies beyond LCA
- New social, economic and sustainability indicators
- Internalization of societal and environmental externalities into the economy (monetarization, etc.)
- Ecodesign and Ecoinnovation
- Functional Circular economy and Sustainable Business models
- Responsible Research and Innovation on Materials
- Governance, Public and Societal Engagement, Open Science in Materials Research and Innovation
- Gender issues, Materials and Society
- Citizens Science, Scientific Citizenship and Materials Research

*Felds of application :*

- Infrastructure and Mobility for Sustainable Cities
- Food, Health, Biodiversity & Ecosystem Services
- Resources, Biomass & Land Use
- Sustainability and Ecodesign of processes, products and services
- Climate Change, Energy Transition and Materials
- Environmental footprint of ICT
- Green Transitions & Sustainable Business
- Industrial Symbiosis, manufacturing and end-of-life processes

## Abstract submission

Proposals for presentations are to be sent by **31 July 2022** via the **attached form**. An abstract template is also available.

Authors will be notified of **abstract approval** by **31 August 2022**. It is also possible to submit articles, which will be peer-reviewed for publication in a special issue of *Matériaux et Techniques (EDP Sciences)*. *A template for full papers is also available.*

We look forward to receiving your proposals.

## Jean Sébastien Thomas Award

In memoriam of Jean-Sébastien THOMAS, who has contributed to the success of the SAM conferences since their origin, ArcelorMittal has created in 2015 the Jean-Sébastien THOMAS Award and grants a 2,000 € reward to the authors of the best article submitted at SAM conferences, starting with SAM 10. To participate, articles should be submitted by **31 July 2022** (mail to Ayoung.Jo@arcelormittal).





## Venue

on line

Chairmen: Jean-Pierre Birat (IF Steelman)

## Contact

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## Registration

To register, please fill in the attached form and mail to:  
[Ayoung.Jo@arcelormittal.com](mailto:Ayoung.Jo@arcelormittal.com) and to [jean-pierre.birat@ifsteelman.eu](mailto:jean-pierre.birat@ifsteelman.eu)

Deadline: 1 October 2022.

There is no registration fee!

## Organizing Committee

The conference is organized by:  
N. Perry (ENSAM Bordeaux)  
T. Alix (ENSAM Bordeaux)  
G. Fick (IRT-M2P)  
M. Chiappini (ArcelorMittal)  
JP. Birat (IF Steelman)