

## Programme (without paper session)

## Working document

09/06/2022

Version:  
9/06/2022





UNIVERSITÉ  
DE LORRAINE



LORRAINE  
INP Ensgsi  
NANCY  
Équipe de Recherche sur les Processus Industriels  
Université de Lorraine



EMPP  
Energie Mécanique  
Procédés Produits  
INSTITUT  
CARNOT  
ICÉEL



SIMPPÉ  
**RNI**  
RESEARCH NETWORK ON  
INNOVATION



**IAMOT**

International Association for Management of Technology

<https://ice-iamot-2022-conference.org/>

09/06/2022



The first  
Hybrid  
IEEE- ICE / IAMOT joint conference

ville de  
**Nancy**,  
métropole  
**GrandNancy**

2022 IEEE 28th ICE/ITMC & 31st IAMOT Joint Conference  
June 19-23, 2022 – Nancy /France and Streaming

# Technology, Engineering, and Innovation Management Communities as Enablers for Social-Ecological Transitions



2

# Committee & Organisation



## General IEEE Conference Chairs:

- Laure MOREL, Université de Lorraine-ENSGSI, France
- Mauricio CAMARGO, Université de Lorraine-ERPI, France
- Laurent DUPONT, Université de Lorraine-ERPI, France

## IEEE Conference Co-chairs:

- Yacine REZGUI, Cardiff University, UK (organizer of ICE 2021)
- Thomas BEACH, Cardiff University, UK (organizer of ICE 2021)
- Leon PRETORIUS, University of Pretoria, SA (organizer of IAMOT 2021)
- Tarek KHALIL, Nile University, Egypt (organizer of IAMOT 2021)
- James FLECK, The University of Edinburgh, UK (organizer of ICE 2023)

## IEEE Conference Review Chairs:

- Marc PALLOT, Nottingham University Business School, UK
- Giovanny ARBELAEZ, Université de Lorraine-ERPI, France

## IEEE Representative

- Robert E. Bierwolf, IEEE TEMS and CeTIM, The Netherlands (IEEE Officer)

## Local IEEE Conference organizing committee:

- Fabio CRUZ SANCHEZ, Université de Lorraine-ERPI, France
- Alex GABRIEL, Université de Lorraine-ERPI, France
- Manon ENJOLRAS, Université de Lorraine-ERPI, France
- Fedoua KASMI, Université de Lorraine-ERPI, France

## General NITIM Chairs :

- Roland ORTT, TU Delft University, NE
- Stefan KLEIN, Munster University, DE

## Local PhD commitee:

- Diana Cardenas, Université de Lorraine-ERPI, France
- Valentine Labouheure, Université de Lorraine-ERPI, France
- Fanny Pruvot, Université de Lorraine-ERPI, France
- Guillaume Pronost, Université de Lorraine-ERPI, France

# Venue: Convention Center, Centre Prouvé



**IEEE TEMS**  
Technology & Engineering  
Management Society



International Conference on  
Engineering, Technology and Innovation

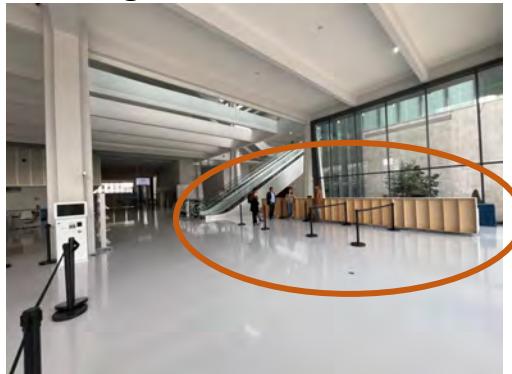


# Centre Prouvé – corridors

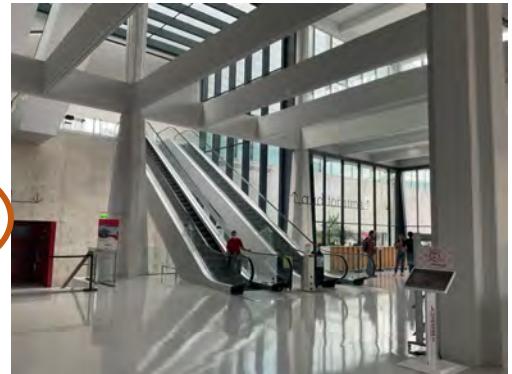
Main Entrance



Registration Desk



Access to 1<sup>st</sup> Floor



Foyer 850 – Booths, posters, Coffee, lunches



Access to 2<sup>nd</sup> Floor



Open space between session rooms



# Centre Prouvé – Auditorium 300

**Wednesday 22<sup>nd</sup> June**



# Centre Prouvé – WS rooms



8 “small” rooms  
with max. 80  
participants  
(103, 104, 105,  
106, 202, 203,  
204, 205)



Or 2 merged  
rooms with max.  
160 participants  
(103 & 104, 105 &  
106)  
And 4 rooms (202,  
203, 204, 205)

Rooms 105, 106 can be merged

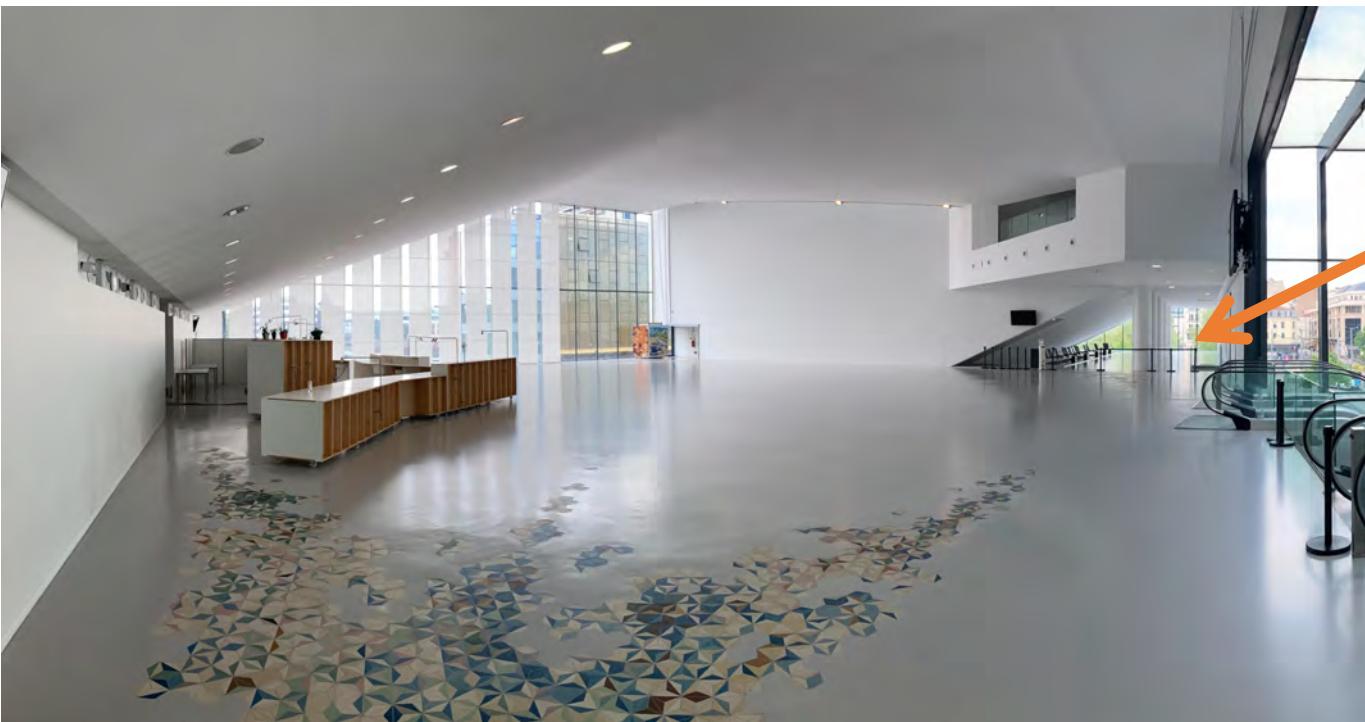


Rooms 103, 104 can be merged

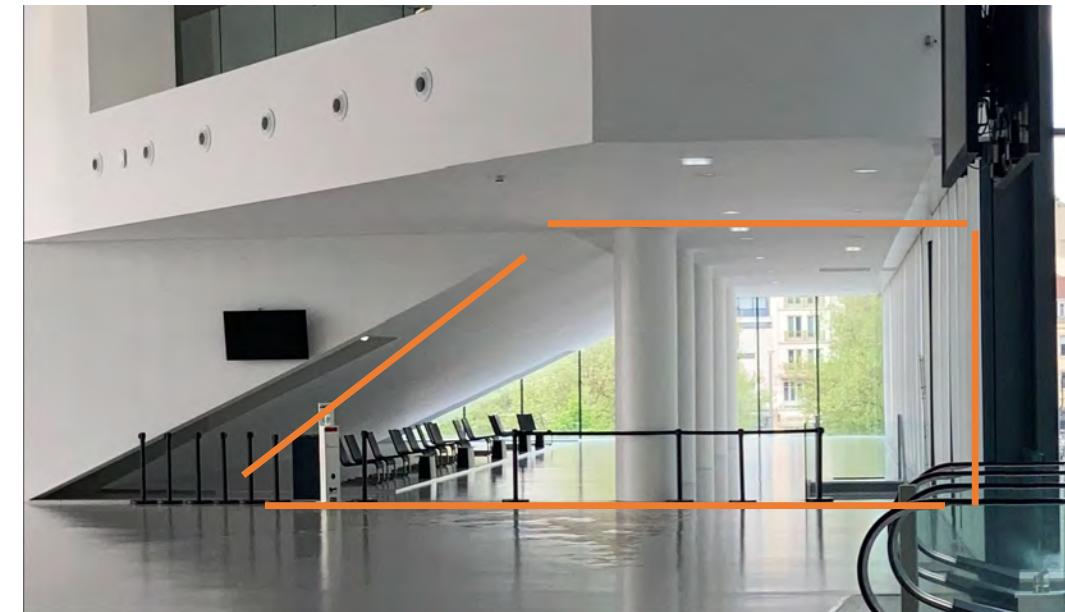


# Centre Prouvé – Lunchs

Monday – Tuesday



Wednesday



# Coming to Nancy



DESTINATION  
**NANCY**



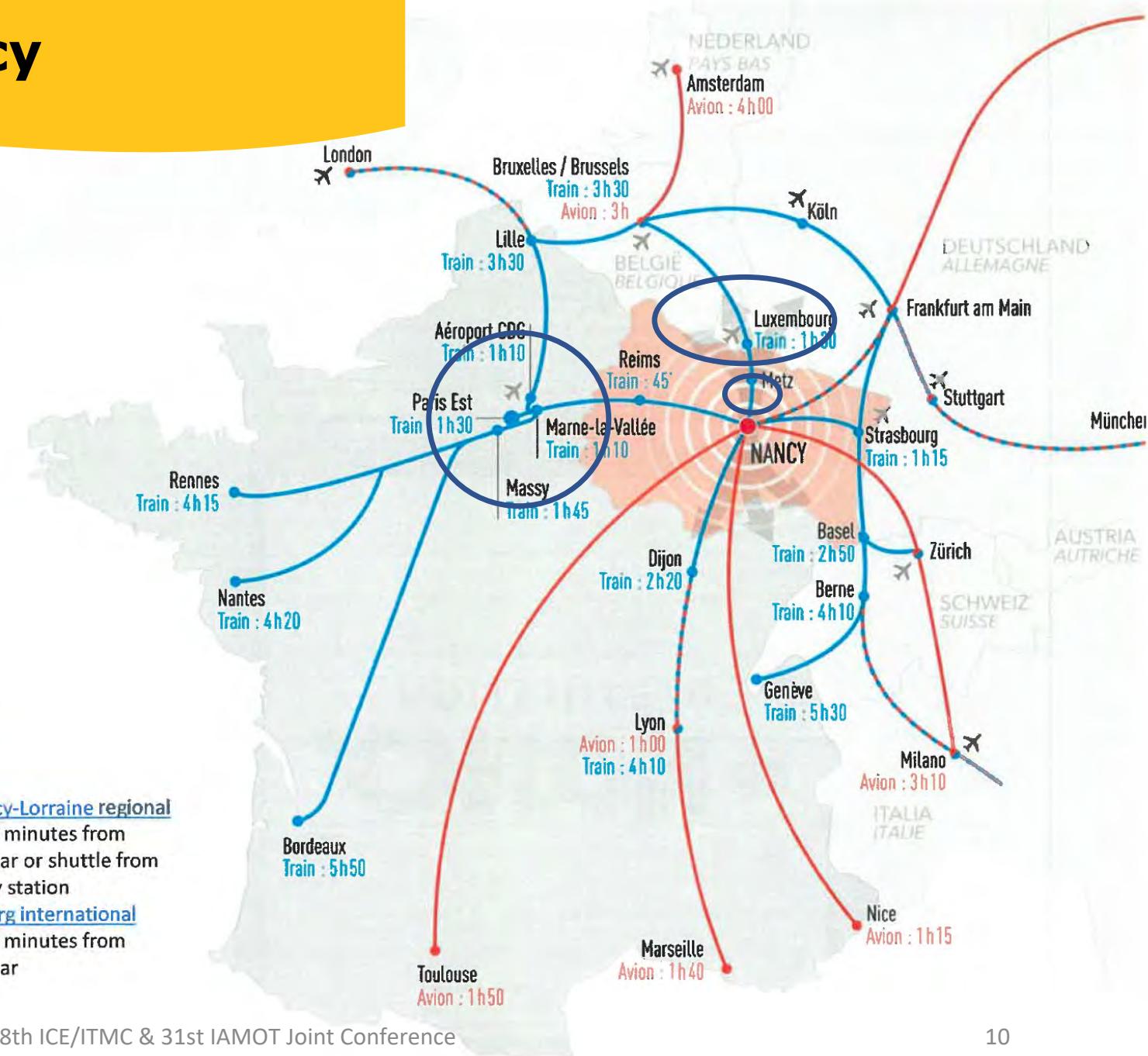
- Motorway A4 from Paris, Strasbourg, Berlin
- Motorway A31 from Brussels, Luxembourg, Dijon, Lyon, Marseille



- Paris: 1 hr 30 min.
- Strasbourg: 1 hr 15 min.
- Luxembourg: 1 hr 30 min.
- Lyon: 4 hr

[Getting to Nancy by train](#)

[Plan your route](#)





RADIANT

## Main Conference Themes

28<sup>th</sup> IEEE ICE/ITMC and 31<sup>st</sup> IAMOT  
join conference  
June 19-23, 2022 – Nancy /France  
and on-line



International Association for Management of Technology

- R&D, Innovation and Entrepreneurship
- Corporate Venturing & Digital Entrepreneurship
- Intrapreneurship Strategy and Process
- Technology Foresight and Forecasting
- Service Design and Engineering
- Industry 4.0 : Digital Innovation management and applications of AI
- Responsible research and innovation
- Innovation on Education and Learning
- Human, Socio-Economic and Culture Issues
- Green Tech and New business model for Sustainability and Resilience



*Technology, Engineering, and Innovation Management Communities  
as Enablers for Social-Ecological Transitions*

## Main Conference Themes

28<sup>th</sup> IEEE ICE/ITMC and 31<sup>st</sup> IAMOT

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and on-line



## IAMOT

International Association for Management of Technology

**260 papers have been submitted**  
that mean more than 750 reviews...

A huge work supported by an international network  
190 to 200 will be presented physically or online



# ICE/ITMC - IAMOT 2022: main moments of the conference [04/06/22]

Venue	LF2L platform	Prouvé Centre Auditorium 800 + rooms	Prouvé Centre Auditorium 800 + rooms	Prouvé Centre Auditorium 300 + rooms	Octroi Nancy	LF2L – Octroi Nancy
	Sunday 19 June	Monday 20 June	Tuesday 21 June	Wed. 22 June		Thurs. 23 June
8:30		registration	registration	registration		
A-M		9:00 Welcome + Keynote speakers	KS Parallel Papers sessions*	EU projects RT Parallel EU projects WS + Paper sessions		workshop + Networking With EU project at Octroi Nancy
12:30		Parallel Papers sessions*				12:00 Closing
13:30		12:30-13:30 Lunch	12:30-13:30 Lunch	12:30-13:30 Lunch		
P-M	16:00 - LF2L Pre-registration (All) LF2L visit (scientific committee and Keynote speakers)	KS Parallel Papers sessions*	KS Parallel sessions* + Serious game “année de innovation”	EU projects WS HyValue Climate Labs	EU projects Demonstrator at Octroi Nancy: innovative design factory	* <a href="https://www.confotool.pro/ice-iamot-2022">https://www.confotool.pro/ice-iamot-2022</a> (see the papersprogrammation)
18:00	17:00 ICE Board		RT: Editors			
19:00	19:00 IAMOT Board	Musée des Beaux-Arts 19:00 - Visit 20:30 – Welcome cocktail	“Fête de la musique” Free time (No Dinner)	City Hall - Place Stanislas 19:45 Gala dinner 22:45 – Sound-and-light show		

KS: Keynote Speaker  
RT: Round Table  
WS: Workshop

Hybrid /  
streaming

# Keynote speaker - Monday 20 June – 9:15

## Ahmed Osman



Dr. Osman is a Principal Technical Advisor at Pacific Northwest National Laboratory (PNNL), a national research laboratory operated by the Department of Energy, USA. Prior to PNNL, he served at Siemens for about 28 years assuming various technical and leadership positions.

President of IAMOT



“Digitalization, De-carbonization, and Innovation”- What we need for a Sustainable Planet

# *Keynote speaker - Monday 20 June – 10:00*

## **Dominique Jolly**



Dominique Jolly is an independent advisor on foreign business with China. He works as a consultant for several large companies. He also advises international organizations and foreign governments in the areas of innovation and technology.

His assignments have taken him to over twenty countries in Europe, Asia, North America, South America and Africa. He was previously Professor of Business Strategy. He worked for Webster University Geneva (Switzerland), SKEMA Business School (Sophia-Antipolis, France), the Center on China Innovation at CEIBS (Shanghai, China), HEC Montréal (Montréal, Canada) and Grenoble Ecole de Management (Grenoble, France).

### **China's Rapid Technological Transformation: Good news for Ecological Transition?**

# Keynote speaker - Monday 20 June - 13:30

## Alice de Casanove



Dr. De Casanove is Director of Culture Evolution & intrapreneurship . She is in charge of innovation competencies and learning in Airbus Defence and space. Washington D.C.



She plays a pivoting role in the publication of the ISO referential on good practices in innovation management (ISO 56000 series). Between 2013 and 2022, she was the ISO chair of the international standardisation committee on Innovation Management gathering 50+ countries in close coordination with WTO, OECD, WIPO and World Bank.

She is an Associated Researcher at the ERPI Lab

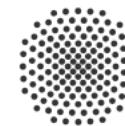
### Return of experience regarding Innovation management ISO 56000 series: Implementation in a large organization

**Keynote speaker - *Tuesday 21 June – 8:30***

## Alex Brem



Prof. Dr. Alexander Brem  
Institute of Entrepreneurship and Innovation Science  
Chair of Entrepreneurship in Technology and Digitization,  
endowed by the Daimler Fund in the Stifterverband

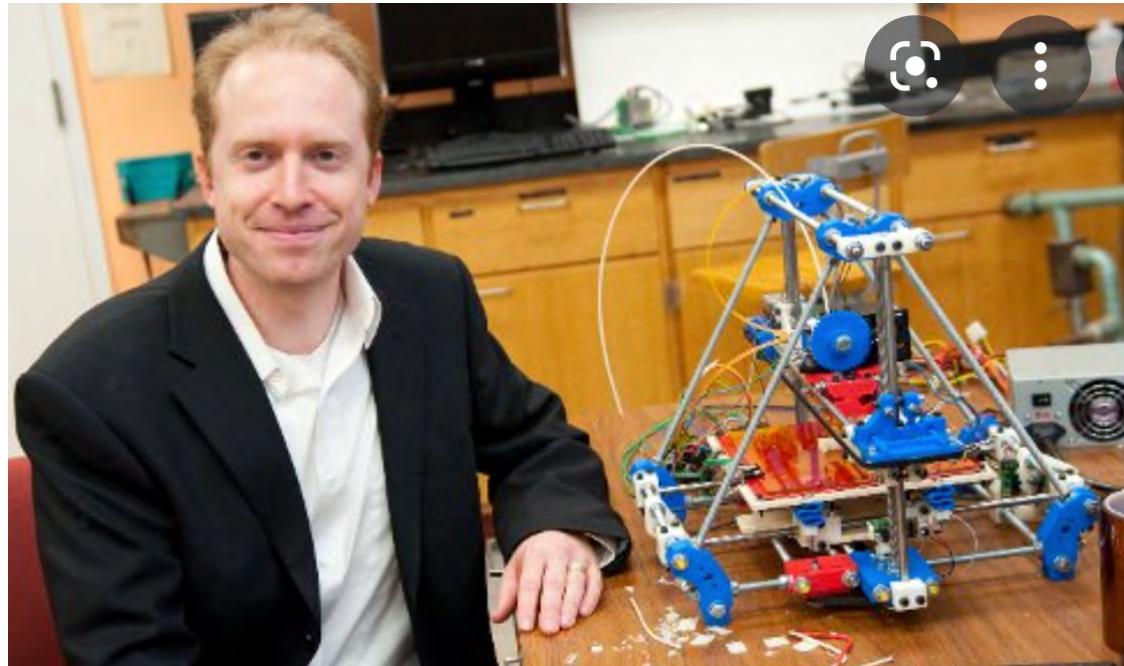


**University of Stuttgart**

**Frugal Innovation:  
Constraint-based thinking as a solution for sustainability?**

Keynote speaker - *Tuesday 21 June – 13:00*

## **Joshua M. Pearce**



Dr. Pearce is the John M. Thompson Chair in Information Technology and Innovation at the Thompson Centre for Engineering Leadership & Innovation  
Director of the Free Appropriate Sustainability Technology (FAST) Lab

Prof@Lorraine, Permanent visiting professor at the ERPI Lab



**Open source appropriate technology (OSAT) :  
Finding collaborative solutions to problems in sustainability and poverty reduction**

# Round table: Innovation in public Administration *Tuesday 21 June – 14:30 – 16:00*

Chair: Prof. Vincent Boly [IAMOT]

- **Laurent Watrin:** Deputy Mayor in charge of cooperative democracy, public policy innovation and the digital city at City of Nancy
- **Séverine Husson:** In charge of the ecological transition at City of Nancy
- **Mitra Tehranchi:** Project Manager – Noremat (companie)
- Prof. Vincent Boly, Dr. Manon Enjolras: Tool - innovative capacity of municipalities (UL, ERPI Lab)

Boly, V., Enjolras, M., Husson, S., Morel, L., Dupont, L. & Benis, L. (2022). Innovation Capacity of City Administrations: A Best Practices Approach. *Journal of Innovation Economics & Management*, 38, 169-198. <https://doi.org/10.3917/jie.pr1.0121>

# Editors Round Table & Serious Game

## Tuesday 21<sup>st</sup> June

16:30 – 18:00 (Auditorium / Hybrid)

### MOT Journals' Editors Round Table

Chairs: Breno NUNES (UK) – *Manon Enjolras (ICE-IAMOT team)*

16h30-18h :

- TFSC – Scott [confirmed] – virtually
- IEEE TEM – Alexander [confirmed] – in person
- Technovation - Stelvia Matos [Confirmed] - virtually
- TASM – Jamie Fleck [confirmed] – in person
- Journal of Engineering and Technology Management - Monica Masucci [reminder sent]
- Regional studies – David Bailey [Confirmed] – check if in person or virtual
- ISTE-Wiley (RRI) - Laurent Adatto [Confirmed] – in person

---- Auditorium 300 ----

16:00 – 18:00 (Foyer 850)

### Pedagogical initiative for teaching Innovation and MoT



Johan Claire,  
CEO Innovation Way & ISO

Alice de Casanove  
Airbus & ISO

36 people

Foyer 850

# *Special session – Focus on RRI*

## *Tuesday 21<sup>st</sup> June 16:30 - 18:30*



**28th IEEE ICE & 31st IAMOT Conference — June 19-23,  
2022 - Nancy, France**

### **Special session**

**Responsible Research and Innovation (RRI): methodological approaches and practical insights**

**Deadline for submission of papers: 7th March 2022**

Mauricio Camargo, Fedoua Kasmi, Vincent Boly - Université de Lorraine, Lab ERPI, Nancy, France  
[mauricio.camargo@univ-lorraine.fr](mailto:mauricio.camargo@univ-lorraine.fr), [fedoua.kasmi@univ-lorraine.fr](mailto:fedoua.kasmi@univ-lorraine.fr), [vincent.boly@univ-lorraine.fr](mailto:vincent.boly@univ-lorraine.fr)



*Wednesday 22<sup>nd</sup> June*

## Seven EU projects: Round tables & Workshops

1. Responsible Research and Innovation: new methodological approaches and practical insights [DigiTeRRI]



2. Emerging Trends and Innovations in Project Management [HyValue Project]



3. Co-creation laboratories for mitigation and adaptation to climate change – [ClimateLabs project]



4. Open Innovation for collaborative production engineering (IA) TOPIC ID: DT-FOF-05-2019



INEDIT  
open INnovation Ecosystems  
for Do It Together process



OPEN!  
NEXT

TRANSFORMING COLLABORATIVE  
PRODUCT CREATION



## Shared Workshops

Wednesday 22<sup>nd</sup> June 9:00 – 18:00 – Auditorium & Octroi Nancy



INEDIT  
open INnovation Ecosystems  
for Do It Together process



**Topic: “Open innovation, technologies & communities as enablers of socio-economical transition”**

Open Innovation Digital Platform and Fablabs for Collaborative Design and Production of personalised/customised FMCG	DIY4U	870148	✓
open INnovation Ecosystems for Do It Together process	INEDIT	869952	✓
A Social Manufacturing Framework for Streamlined Multi-stakeholder Open Innovation Missions in Consumer Goods Sectors	iPRODUCE	870037	✓
Company-Community Collaboration for Open Source Development of products and services	OPEN_NEXT	869984	✓



# Shared challenges



INEDIT  
open iNnovation Ecosystems  
for Do It Together process



<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/dt-fof-05-2019>

- The transfer to industrial companies of the Do It Yourself (DIY), fablabs, micro-factories and makers approaches can pioneer ways towards engineering solutions throughout the whole value chain. These innovative methods can lead to new processes, machines and products with new functionalities and shorter time to market.
- Industry is not yet widely using such innovative approaches to engage consumers and respond to societal needs, also taking into account the individual preferences of women and men. Collaborative production liaising companies, especially SMEs, with these new approaches can however create Open Innovation networks that can unroll a wide range of entirely new business opportunities for the benefit of consumers.
- *The purpose of this call is to transform European industry through the integration of digitisation and other enabling technologies and achieve global industrial leadership. Success will be seen in global industrial leadership, notably in manufacturing, and in opportunities for re-industrialisation.*



# Four different complementary projects

		 IN EDIT open INnovation Ecosystems for Do IT Together process		 TRANSFORMING COLLABORATIVE PRODUCT CREATION
Demonstrator(s)	2 MDFs (Fablabs) + Digital platform; 2 rounds of OIPs with 6 SMEs	4 OMDF (Innovation Hub supported by a SME & a Big company; 3D printing with wood ; 3D printing & moulding with recycled plastic ; smartification ) + Digital platform for Co-creation (website + Apps + ERP + SDO	6 (5) CMDF + 19 Use cases (co-creation ventures) + several open innovation missions. Digital platform for co-creation	6 pilot + 12 demonstrator SME cases (OS hardware projects with makerspaces providing facilitation support for co-creation); one co-creation and one metadatabase for linked open hardware
Sectors	FMCG	Furniture	Furniture, Mobility, Microelectronic, Medical equipment...	Consumer electronic, eco-friendly mobility, build-to-order furniture
Level of development	TRL4 → TRL6	From TRL4 to TRL6	From TRL4 to TRL6	From TRL4 to TRL6
European Countries	7	8	8	8
Consortium	1 Large industry, 7 RTOs, 6 SMEs	4 SMEs, 2 RTD centers, 6 High Educ., 2 large companies	7 SMEs, 1 large company, 1 University, 3 RTO, 4 Fablabs, 2 regional entities, 1 cluster	6 SMEs, 4 Makerspaces, 2 ICT providers, 6 research partners



# Shared Workshops

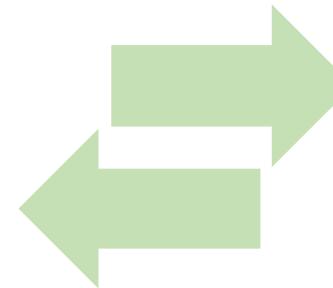
Wed. 22 June	Form / place	Topics	
9:00 – 10:30	Round table - 5 EU projects (Auditorium 300 Conference Venue + streaming / visio )	<b>Open innovation, technologies &amp; communities as enablers of socio-economical transition :</b> Short presentation of the projects, results and perspectives + focus: <ul style="list-style-type: none"><li>Definitions of (open) communities and ecosystems (each project may have a different one)</li><li>Predefined / Identified Roles</li><li>Engagement strategy to transform European Industry in line with Responsible Research and Innovation and Circular Economy</li><li>Maintenance of the ecosystem (Digitisation &amp; Digitalization)</li></ul>	<ul style="list-style-type: none"><li>Open to all</li><li>No parallel session</li></ul>   
10:30 – 11:00		Coffee break	
11:00 – 11:30	Short session (Auditorium 300 Conference Venue + streaming / visio)	<i>“collaborative” design and manufacturing: Business models</i> <i>the “Digital Design Factory” for the Production</i> Sister projects shared workshop: “Co-designing Open innovation, technologies & communities to enable socio-economical transition” <i>Shared (co-)design and manufacturing: Business models</i> <i>Shared technologies &amp; communities to enable socio-economical transition</i>	Led by:
11:30 – 12:00			Led by:
12:00 – 12:30			Led by:    
12:30 – 14:00		Lunch break + travel of participants to Octroi Nancy	
14:00 – 18:00	Demonstrators (Petite Halle – Octroi Nancy)	“Innovative Design Factory” <ul style="list-style-type: none"><li>DIT process: from Co-creation to open manufacturing</li><li>Open_Next pilots &amp; booth</li><li>iProduce software &amp; booth</li><li>DIY4U booth</li></ul>	13:30 – 16:30 WS HyValue in parallel (open) 
18:00 – 19:45		Free visit of Nancy	
19:45	Place Stanislas	Gala Diner & surprises	



Round Table: *Wed. 22<sup>nd</sup> June 9:00 – 10:30 – Auditorium*

EU project supporting European industry in a context of socio-economic-environmental transitions

**“Open innovation, technologies & communities  
as enablers of socio-economical transition”**



**Responsible Research and  
Innovation Approach**



**Circular Economy (new  
business model) / Climate  
Change**



e.g. INEDIT is typically a process that can help “*for Transitioning the Traditional Industry Regions into Digitalised Industry Territories*”



# Round Table: Wed. 22<sup>nd</sup> June 9:00 – 10:30 – Auditorium

## Round table Participants:

### > **Introduction and European Context / animation**

- Laurent Dupont | Université de Lorraine
- Ivo Zeller | Steinbeis-Europa-Zentrum

### > **OpenNext - Company-Community Collaboration for Open Hardware**

- Mehera Hassan | Technische Universität Berlin

### > **iProduce - A Social Manufacturing Framework**

- Manuel Sánchez | AIDIMME

### > **DIY4U - Manufacturing of Personalised FMCG: Co-creation through Open Innovation**

- Chandana Ratnayake | SINTEF, DIY4U

### > **INEDIT - Open Innovation community for co-design in furniture manufacturing – ‘Do it Together Approach’**

- Benjamin Poussard | ENSAM

### > **DigiTeRRI – RRI Approach for Transitioning the Traditional Industry Regions into Digitalised Industry Territories**

- Marianne Hoerlesberger | Austrian Institute of Technology

## Topics:

- Transforming European industry: What have we done to transfer DIY / makers approach to SMEs? specific answers with 4 Projects: DIY4U, iProduce, INEDIT, OpenNext,
- New trends in the EU context and the Society: What responsibility of Science and Innovation in societal transitions? Introduction to RRI, DigiTeRRI
- New production / business model? - what the environment / planet needs - Introduction to Circular Economy



# Workshop: Wed. 22<sup>nd</sup> June 11:00 – 12:30 – Auditorium



**Co-designing Open innovation, technologies  
& communities to enable socio-economical transition**



Transforming industry and territories by engaging the  
international ICE-IAMOT community in European projects:  
DIY4U, iProduce, INEDIT, Open\_Next



# Responsible Research and Innovation: new methodological approaches and practical insights

Wednesday 22<sup>nd</sup> June

**9:00-10:30:**

*Round table: cross reflexion about four European projects relating to digitalization, open manufacturing, transformation of European industry through the integration of digitisation and other enabling technologies*

- Presentation about DigiTerri: Marianne
- Debate

**11:00 – 12:30 second workshop: responsible digitalization: the example of the DigiTeRRI project**

Presentations (10'):

- RRI definition –mario+Nhiem
- Implementation of Responsible Digitalization: the necessary adaptation to the context (Manfred)
- Territorial strategy for Responsible Digitalization implementation: the methodologies (roadmapping and vision definition) and the roadmap presentation of three european territories (Nhiem/Jens)
- Practices and actions to stimulate Responsible Digitalization in Styria (Brigitte)
- Practices and actions to stimulate Responsible Digitalization in Värmland (Eamonn/Malin)
- Practices and actions to stimulate Responsible Digitalization in Grand Est (grand est)

**ICE IAMOT  
CONGRESS**  
**Program suggestion  
by V. Boly**

# Emerging Trends and Innovations in Project Management

## Wednesday 22<sup>nd</sup> June 13:30 – 16:30 – Auditorium

Chairs: Markus Schmidtner & Prof. Davy Monticolo (ICE-IAMOT team)

Schedule for 22.6 Wednesday

13:30 1 Hour Paper Session (15 Min 5 min discussion each)

Presenter	Papername
13:45Anna Schidek	Agilization in MedTech
14:00Phillip Hansen	Fuzzy Expert System for Estimation
14:15Markus Schmidtner	PM Context Modeling
14:30Holger Timinger	Weighting of project management process parameters

14:40 1 Hour HyValue Presentation (15 Min 5 min discussion each)

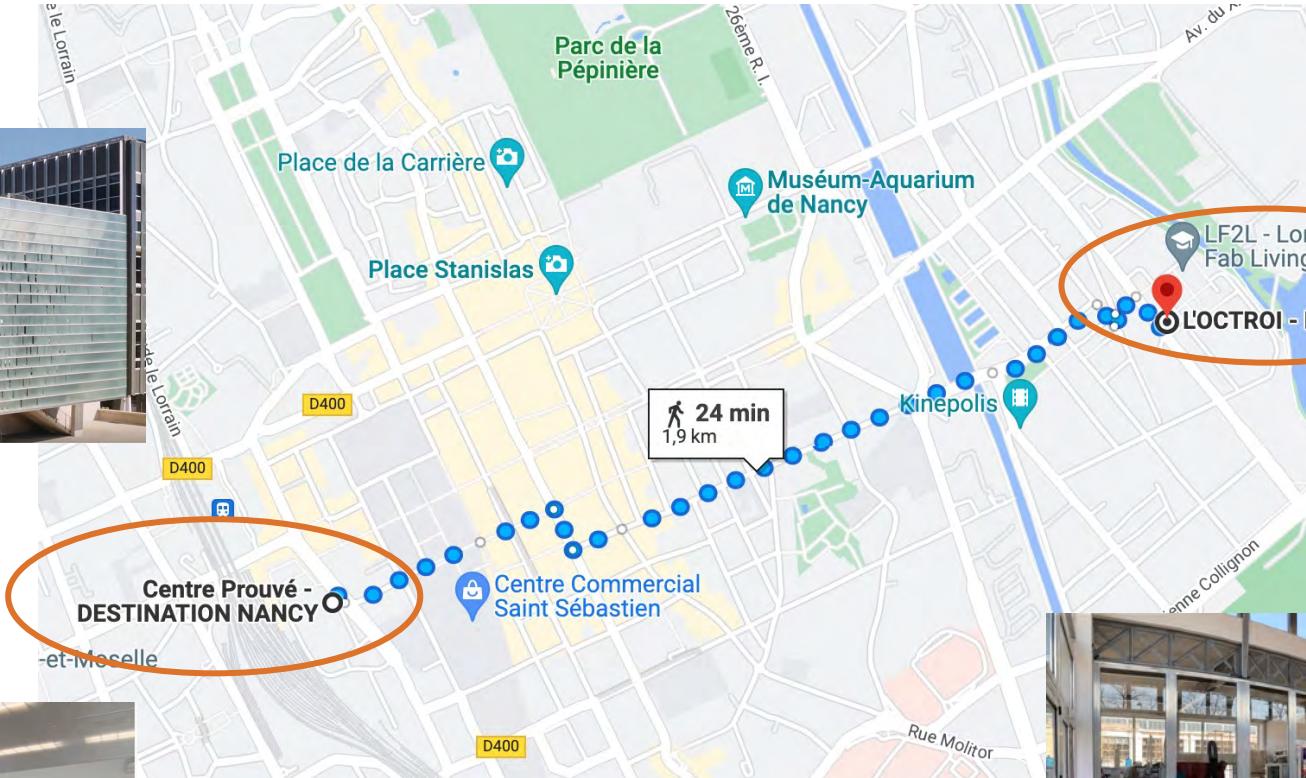
15:00Markus Schmidtner	Interorganizational Project Management in the automotive Industry
15:20Alexander Ziegler	From Cooperation to Collaboration: Sociological Insights into Digital Collaboration Platforms in the Automotive Value Chain
15:40Kirsten Hentschl	Digital Transformation of Project Schedule Management and Synchronization (PSMS) in Collaboration Networks
16:00Open Discussion	
16:15End of Workshop	

# From conference venue to Innovation Design Factory

## From concept to demonstrator



Wed. 22 June  
Morning



Wed. 22 June  
afternoon

L'OCTROI  
Nancy



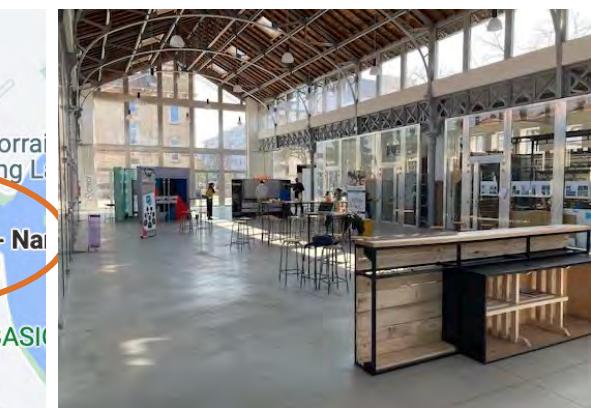
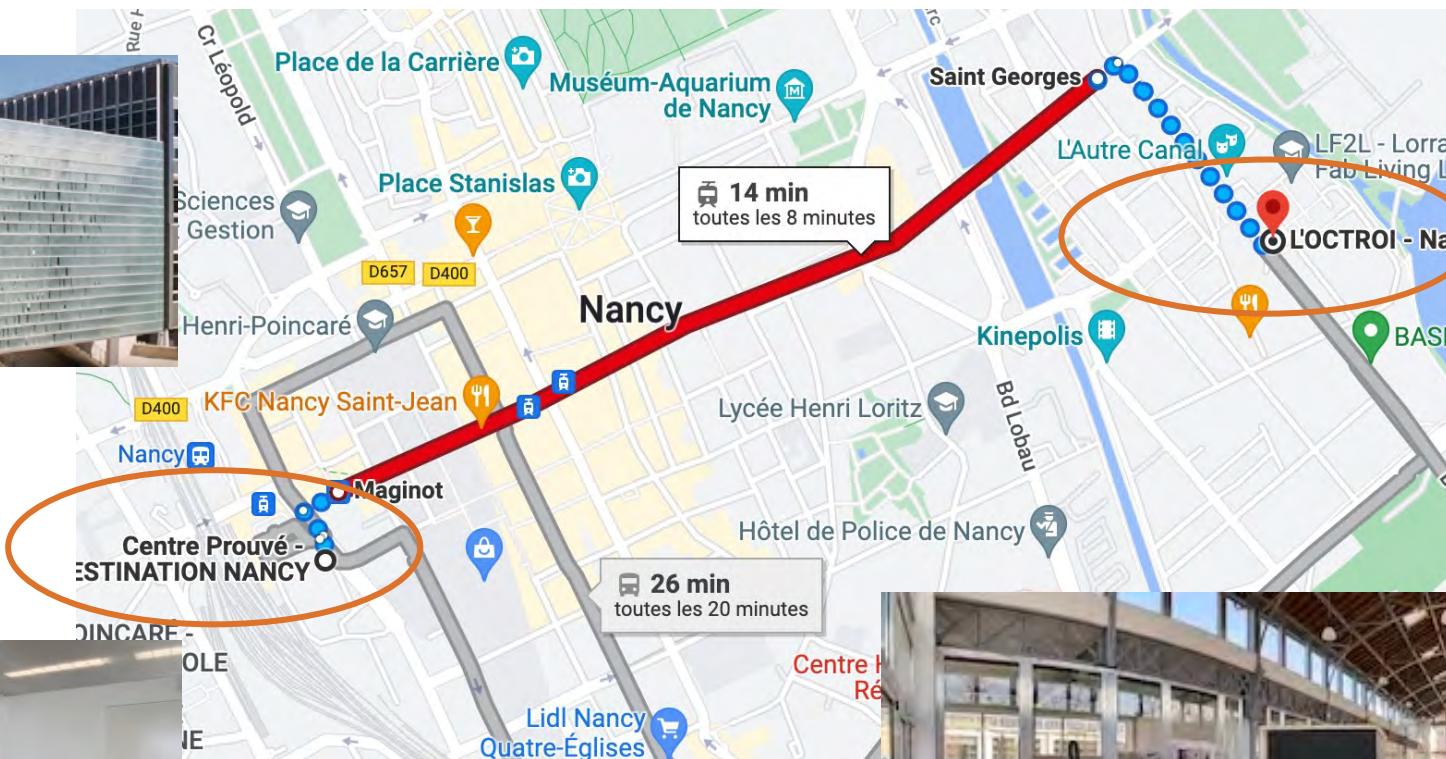
# From conference venue to « Innovation Design Factory »

## From concept to demonstrator

By Tram



Wed. 22 June  
Morning



Wed. 22 June  
afternoon

L'OCTROI  
Association OK3





Wed. 22<sup>nd</sup> June 14:00 – 18:00 – Octroi Nancy

## Innovative Design Factory in the City at L'OCTROI Nancy



GA 869952  
Green FAB LAB



Immersive environment



Hang Printer  
(in progress)





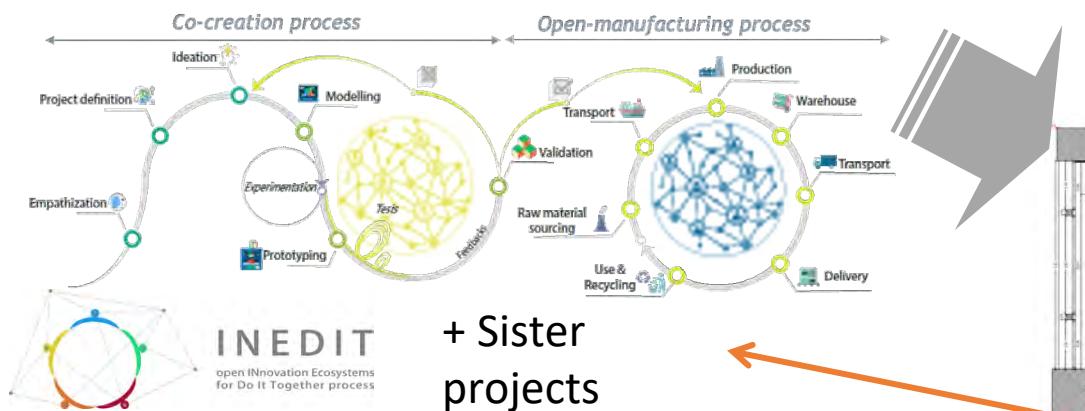
Wed. 22<sup>nd</sup> June 14:00 – 18:00 – Octroi Nancy

## Innovative Design Factory in the City at L'OCTROI Nancy

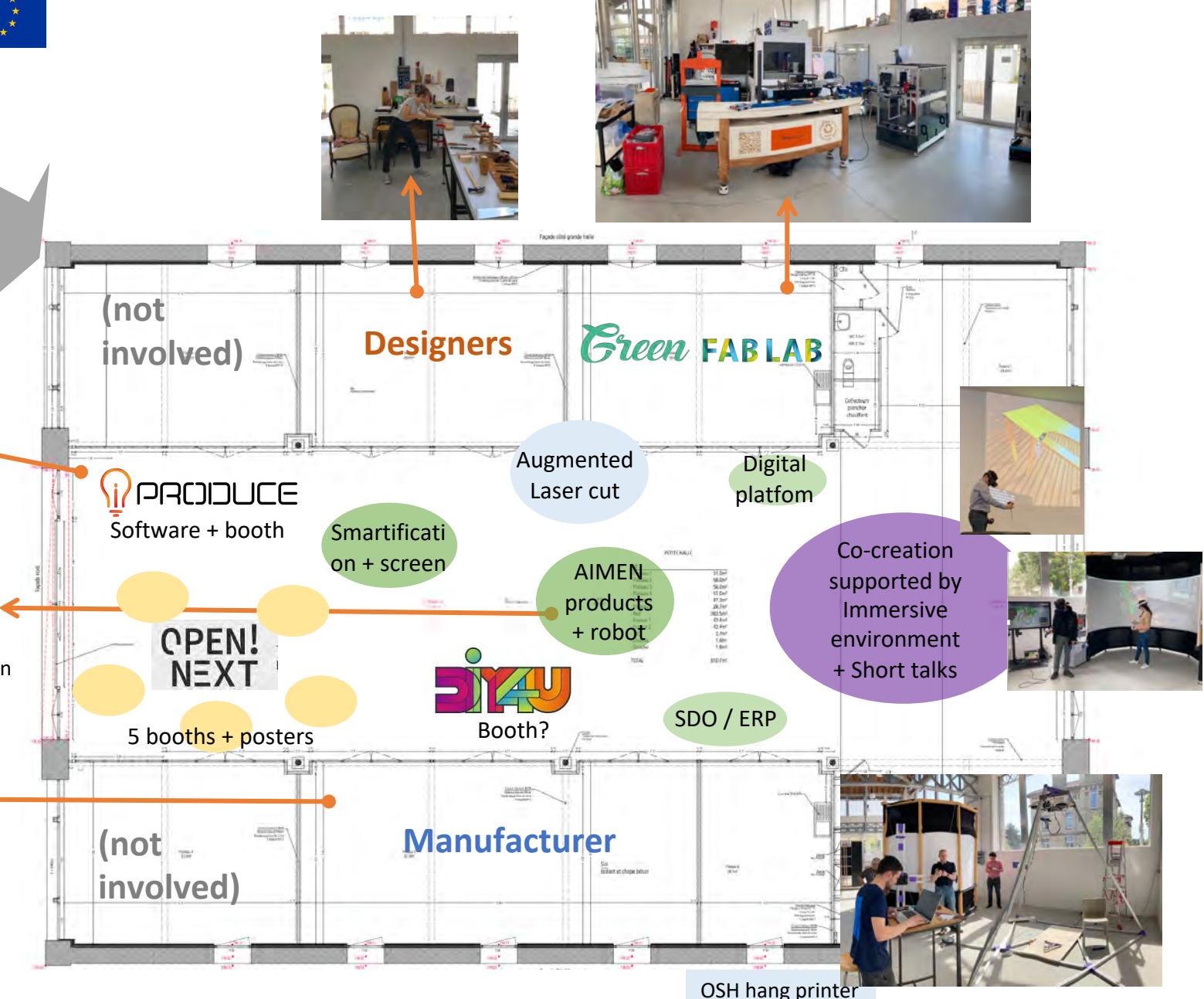
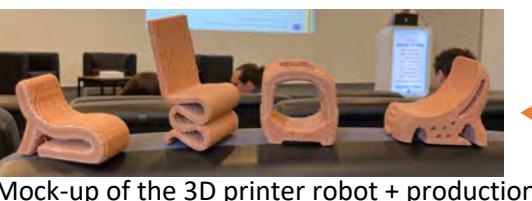


*Demonstrator (TRL4 to TRL6), involving and making links between EU sister projects, to work on the European industry transformation through the integration of digitisation and other enabling technologies and achieve global industrial leadership*

- > Experiment The Do It Together process, DesignTogether Apps and Open Manufacturing Demonstrator Facilities
- > Open-Source Hardware exhibition and associated business model
- > Involve researchers, practitioners, industrialists, SMEs in a space supporting creative communities (Octroi Nancy)
- > Strengthen the transfer to industrial companies of the Do It Yourself (DIY), fablabs, micro-factories and makers approaches
- > etc.



- Technologies
- Short talks
- Booths

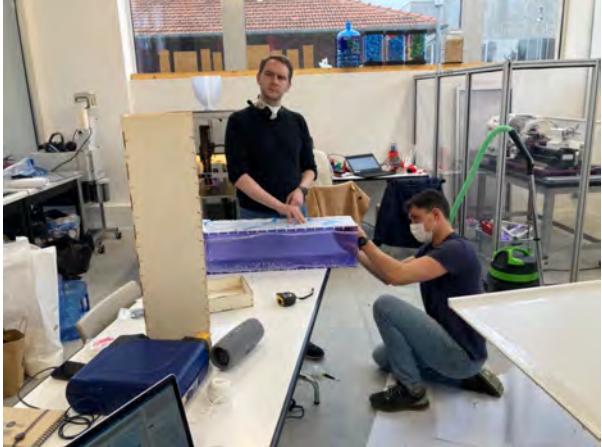


# Green FAB LAB

Open and creative ecosystem supported by



GA 869952



09/06/2022

2022 IEEE 28th ICE/ITMC & 31st IAMOT Joint Conference



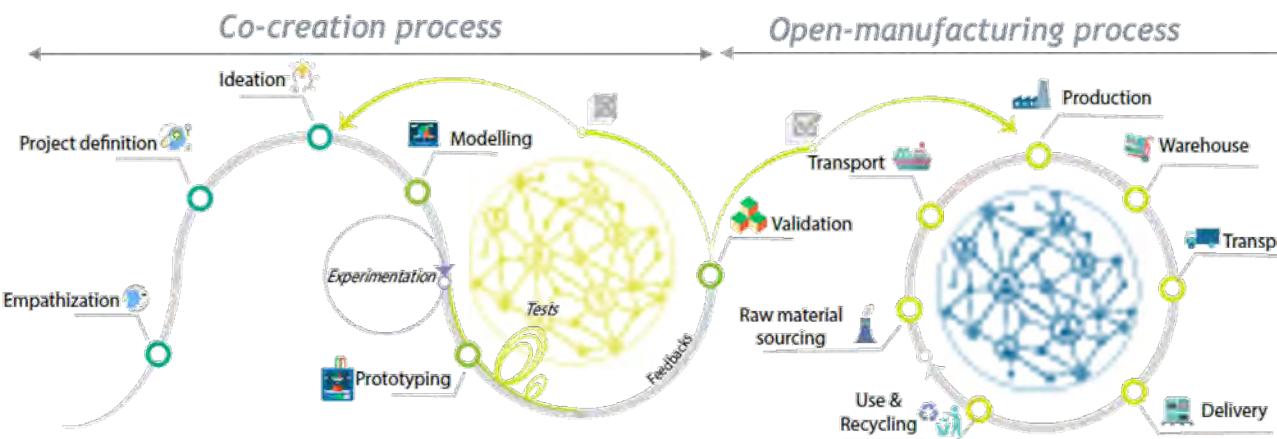
LORRAINE FAB  
LIVING LAB®



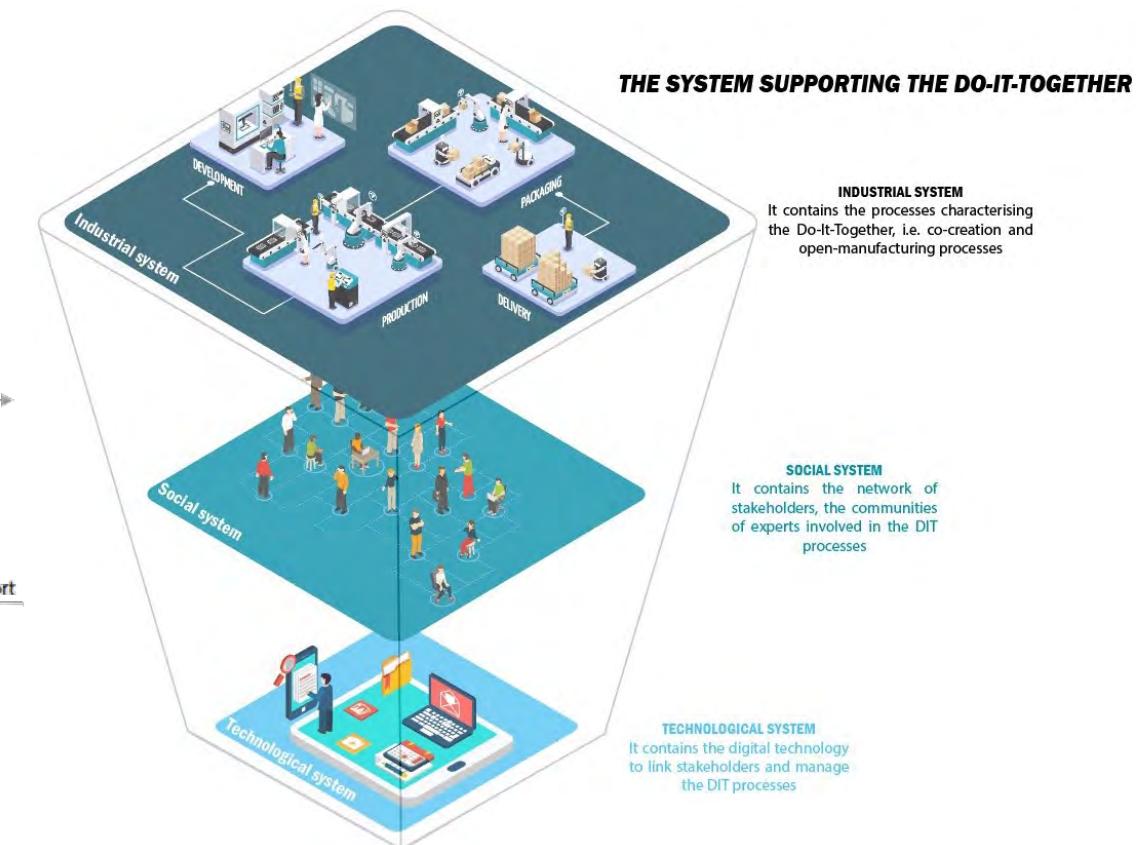
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Wed. 22<sup>nd</sup> June 9:00 – 12:00



## Zoom on INEDIT



MARCHE Brunelle, KASMI Fedoua, MAYER Frédérique *et al.*, « Implementing Do-It-Together: The Cross-fertilization of Do-It-Yourself and Open Manufacturing », *Journal of Innovation Economics & Management*, 2022/0 (Prepublication), DOI : 10.3917/jie.pr1.0122. URL : <https://www.cairn.info/revue-journal-of-innovation-economics-2022-0-page-1.htm>



Wed. 22<sup>nd</sup> June 14:00 – 18:00

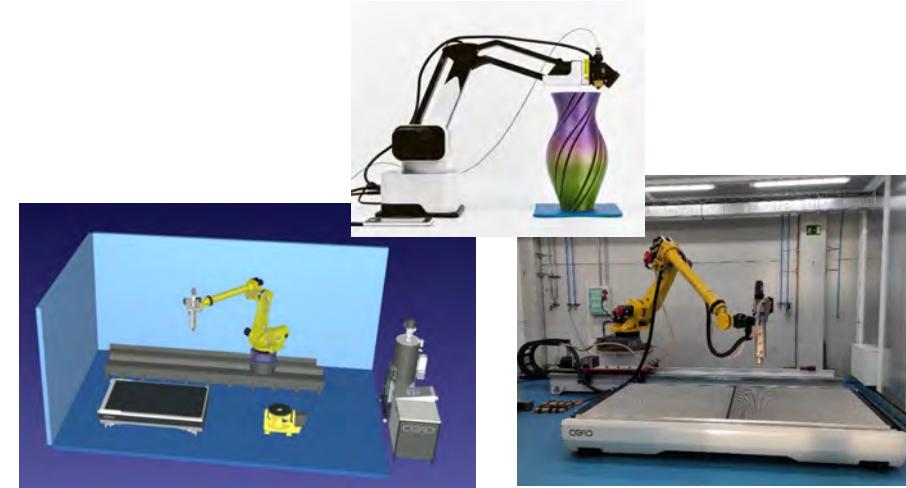
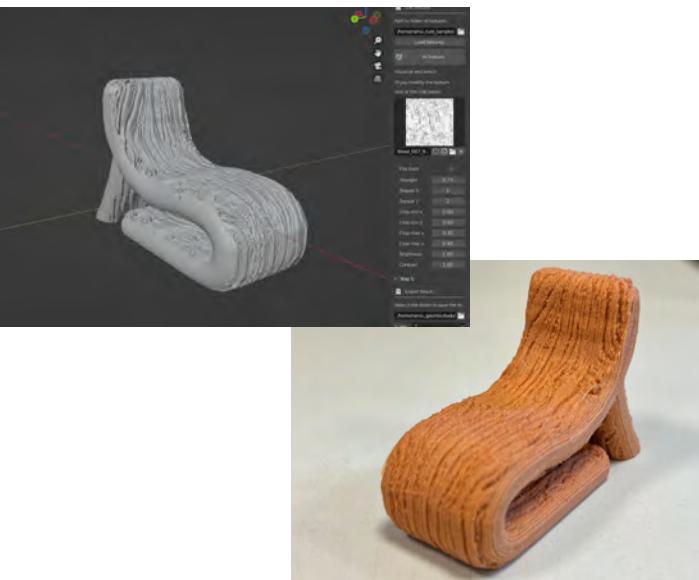


## Zoom on INEDIT demo

at L'OCTROI Nancy

### Zoom on INEDIT Use case 2

- A VR headset to show how to design the furniture in VR with AI
- The mini-robot to produce some of these designs with the wood material (1:10 scale replicas)
- Some real-sized items to display how the real products would look like: a large chair, a small stool and a small table.





Wed. 22<sup>nd</sup> June 9:00 – 12:30



## Zoom on Open\_Next



### **The future is open and community-based.**

Today's industrial product creation is expensive, risky and unsustainable. But it doesn't have to be.

Presently, SMEs and maker communities across Europe are coming together to fundamentally change the way we create, produce, and distribute products.

We're establishing new collaborations between companies and consumers, focusing on eco-friendly mobility, consumer electronics and built-to-order furniture.

OPENNEXT seeks to empower both companies and consumers to co-design and co-manufacture products based on new mindsets, new business models, and new collaborative software solutions.



Wed. 22<sup>nd</sup> June 14:00 – 18:00 – Octroi Nancy



5 Open Next partners



Leezenflow



<https://docs.google.com/document/d/1DBji-4X6NISdBuwaebIVssaBcLIOawSi61votCWYI7I/edit?usp=sharing>



SpreeBerlin



Prototypes for Eur<ope e.V. / Pocket Science Lab / Anavi Info uHat



Wed. 22<sup>nd</sup> June 9:00 – 12:30



## Zoom on iProduce



The iPRODUCE project aims to boost collaborative production by mobilising manufacturers, makers and consumers towards open innovation and the co-creation of consumer goods.

The project takes well-proven concepts and approaches (from makerspaces, fab labs and DIY manufacturing) and will upscale them through innovative digital tools and services that integrate a Social Manufacturing Framework (SMF).

These will be integrated and validated in well-connected multi-stakeholder ecosystems under the umbrella concept of collaborative Manufacturing Demonstration Facilities (cMDF).

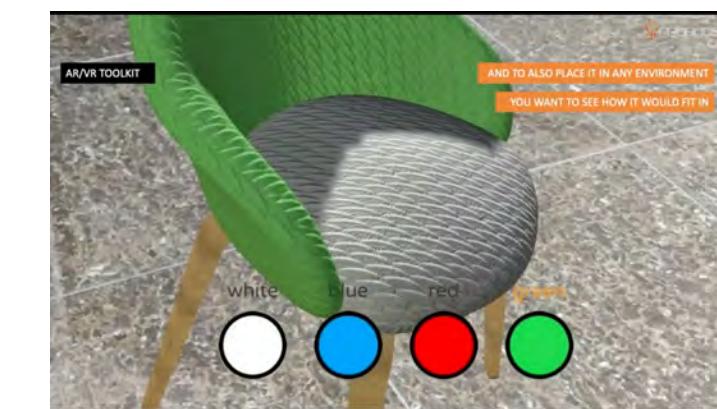
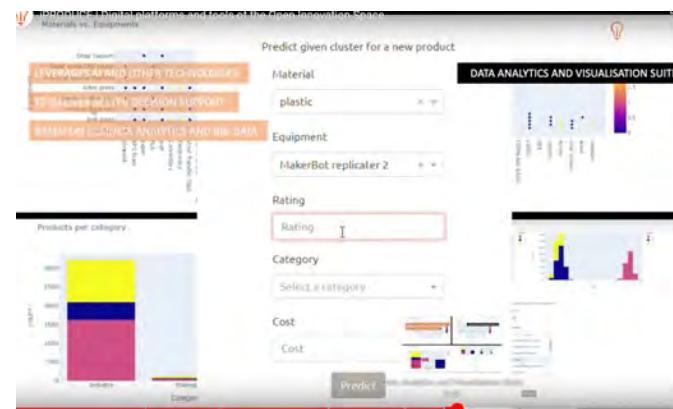


Wed. 22<sup>nd</sup> June 14:00 – 18:00 – Octroi Nancy



## Zoom on iProduce demo

at L'OCTROI Nancy





*Wed. 22<sup>nd</sup> June 9:00 – 12:00*



## Zoom on DIY4U



DIY4U focuses on digitalizing and transforming European industries and services involved in the formulation, production and supply of particulate and liquid based Fast-Moving Consumer Goods (FMCG), enhancing the innovation capacity and competitiveness through decentralized customer-centric production approaches, by promoting the adoption of Open Innovation (OI) digital platform for collaborative production engineering and Fablabs (digitally enabled small-scale manufacturing machines/factories).



Wed. 22<sup>nd</sup> June 14:00 – 18:00 – Octroi Nancy



## Zoom on DIY4U demo

at L'OCTROI  
Nancy

DIY4U brings together a leading global Fast-Moving Consumer Goods (FMCG) Company, expert Small-to-Medium Enterprises (SMEs) from across Europe and supporting Industry Innovation and Research & Technology Organisations (RTOs). Together, we will build an open innovation digital platform integrated into 2 small-scale automated manufacturing machines (Fablabs), for you to create and make customised FMCG.

This project will develop new digital services and end-to-end solutions to enable real-time design (either locally or remotely via web-based portals) and delivery of your customised FMCG product. The project is supported by external industry stakeholders, who also want to use our technologies and services

### Our Offering

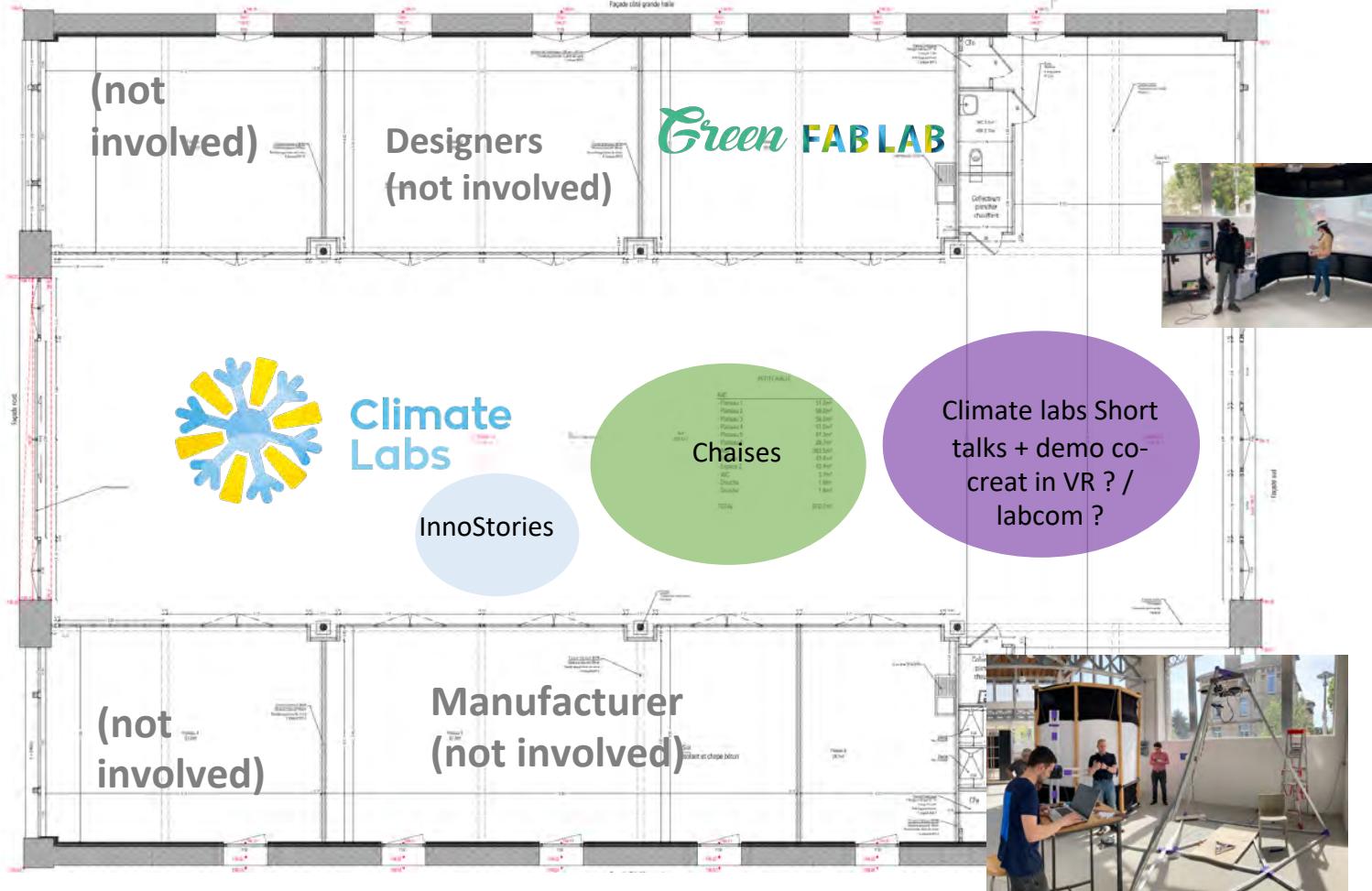
The Open Innovation digital platform will be a highly visible and transparent means of bringing together supply-chain stakeholders and consumers, enabling you to seamlessly collaborate on the efficient creation of new powder and/or liquid FMCG. Integrated digital tools will be used in conjunction with product and process information from ingredient suppliers and equipment manufacturers, to digitally design new, high performance customised products, which can then be made on the automated Fablabs.



Thursday 23<sup>rd</sup> June 9:00 - 12:00 - Octroi Nancy



## Climate labs and UL demo



## Social Events

### ✓ Nancy, The cradle of Art Nouveau



In 1900, appeared a new aesthetic form, Art Nouveau. Nancy, as a source of creativity and inspiration, was to become the life and soul of this movement in France.

***Welcome reception : Guided visit of the Art Nouveau Museum***

### ✓ Nancy, The Worldwide known Place Stanislas

***Gala Dinner: « Grand Salon » (lounge) of the City Hall, 1 place Stanislas, First Floor***

09/06/2022

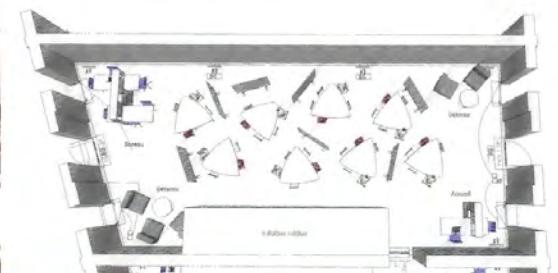
2022 IEEE 28th ICE/ITMC & 31st IAMOT Joint Conference



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# Welcome in the Fab Living Lab of the Université de Lorraine

Sunday 19 June – 16:00 – 20:00



**COLLABORATE & INNOVATE**  
**Sharing – Knowledge – Engineering - Ressources**

# Accommodation



The conference organizers have negotiated a special rate at some hotels for ICE-IAMOT attendees that is applicable from the WE before and up to the WE after the conference.

Participants have to use reservation platform on this link:

[Reservation platform](#)

(<http://event.nancy-tourisme.fr/event/registration?eventid=176&langue=UK>)

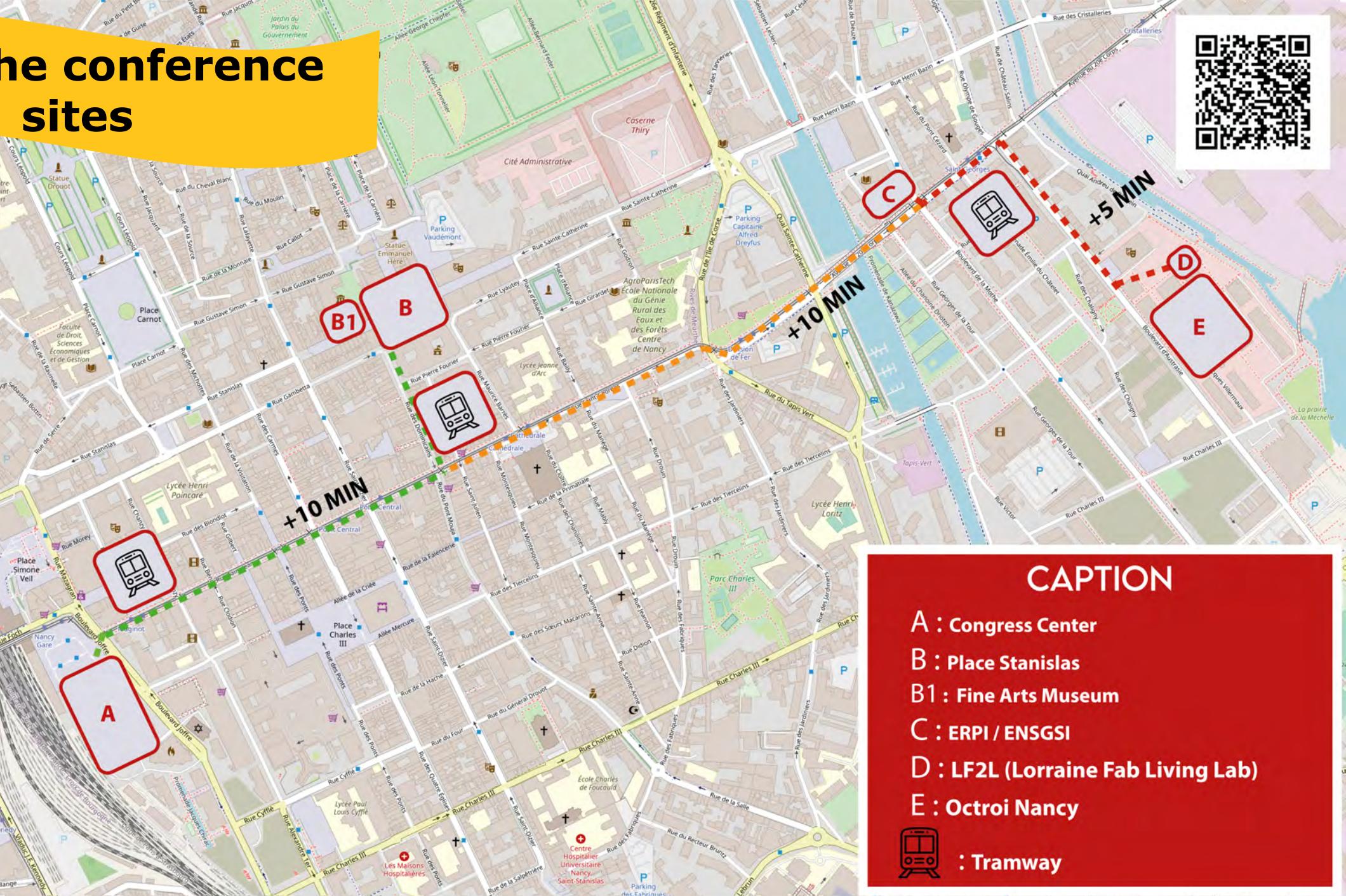
Take a look at the location:

[https://www.google.com/maps/d/u/0/viewer?mid=1qYCByo6cg4Meqk1aQow9rfPGgsUOtV\\_9&ll=48.69036111203171%2C6.18511484999982&z=15](https://www.google.com/maps/d/u/0/viewer?mid=1qYCByo6cg4Meqk1aQow9rfPGgsUOtV_9&ll=48.69036111203171%2C6.18511484999982&z=15)

# Go to the conference sites



09/06/2022



## CAPTION

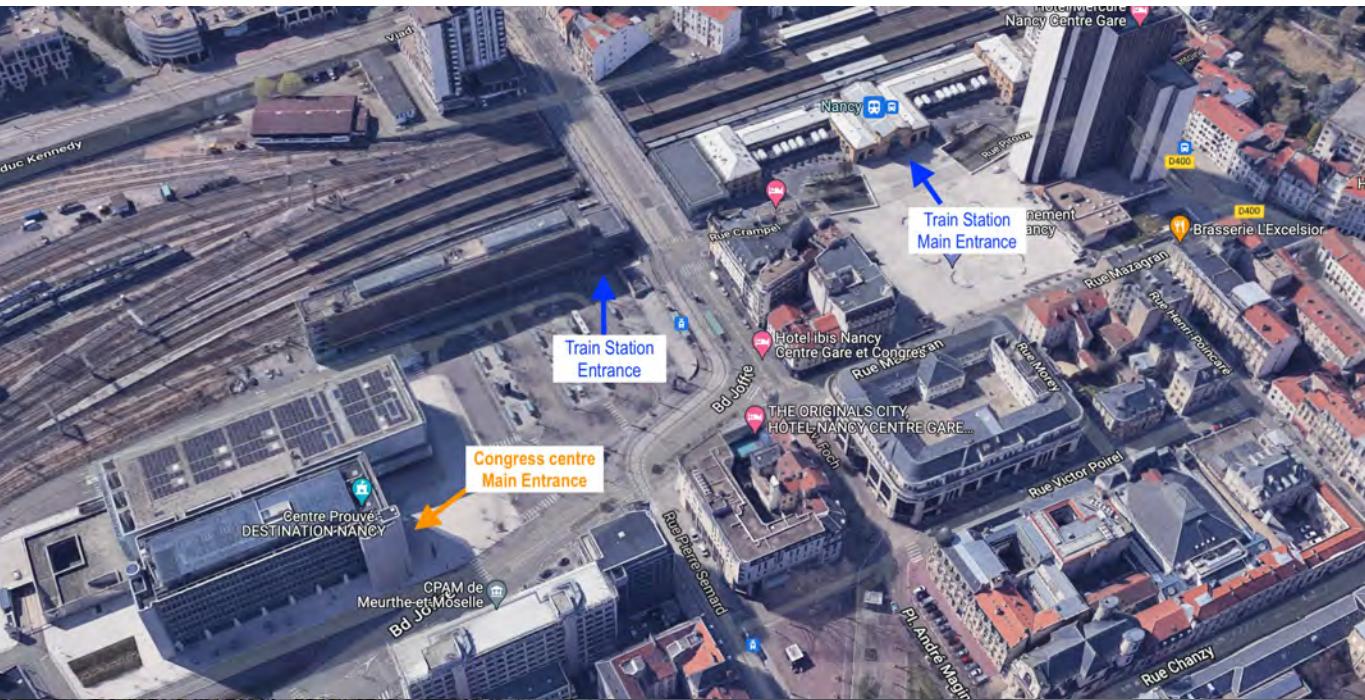
- A : Congress Center
- B : Place Stanislas
- B1 : Fine Arts Museum
- C : ERPI / ENSGSI
- D : LF2L (Lorraine Fab Living Lab)
- E : Octroi Nancy
- : Tramway

# 5 min walk from the train station



# IEEE TEMS

Technology & Engineering  
Management Society



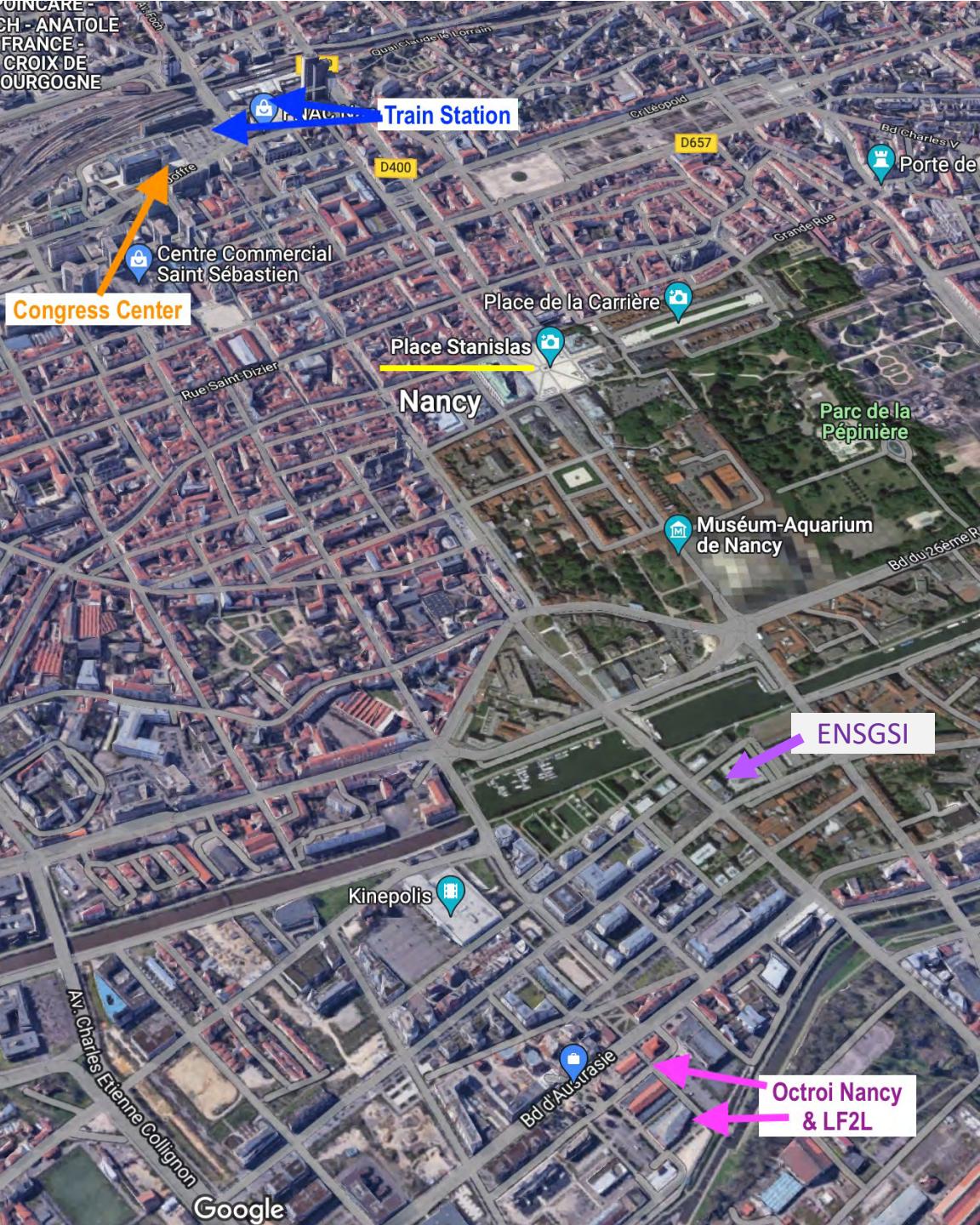
# 25 min walk from the Congress center to Octroi Nancy



09/06/2022

2022 IEEE 28th ICE/ITMC & 31st IAMOT

[https://www.google.com/maps/d/u/0/viewer?mid=1qYCByo6cg4Meqk1aQow9rfPGgsUOtV\\_9&ll=48.69036111203171%2C6.18511484999982&z=15](https://www.google.com/maps/d/u/0/viewer?mid=1qYCByo6cg4Meqk1aQow9rfPGgsUOtV_9&ll=48.69036111203171%2C6.18511484999982&z=15)



# Fees

The registration fees for the conference are outlined below

<b>Fees ICE-IAMOT</b>	<b>Euro</b>	<b>Dollar*</b>
<b>Early Bird fees on site (Nancy, France) until 23 May</b>	€ 450	\$ 495
<b>Full fees on site from 24 May</b>	€ 600	\$ 660
<b>Fees On-line</b>	€ 250	\$ 275
<b>Students Fees ICE-IAMOT</b>	<b>Euro</b>	<b>Dollar*</b>
<b>Student fees on site (Nancy, France) until 23 May</b>	€ 250	\$ 275
<b>Student Full fees on site from 24 May</b>	€ 600	\$ 660
<b>Student On-line until 23 May</b>	€ 130	\$ 143
<b>Student On-line from 24 May</b>	€ 250	\$ 275
<b>Extra ticket Gala Dinner [limited number of places]</b>	<b>€ 50</b>	<b>\$ 55</b>

# 2022 IEEE 28th ICE/ITMC & 31st IAMOT Joint Conference

## Supporting Institutions



## Local Organizers



## Sponsors



## EU projects



GA n°: 870148



GA n°: 869952



GA n°: 870037



GA n°: 869984



GA n°: 873010



# Before ICE-IAMOT: PhD Summer School



<https://www.nitim.org/>

**16.06.2022-18.06.2022**