



1st International Summit | Smart Digital Green International 27 November 2023

 Société industrielle de Mulhouse
10 Rue de la Bourse, 68100 Mulhouse (Grand Est)
& ONLINE

MORNING

- 8:30 - 9:00** **OPENING**
- 9:00 - 9:30** **OFFICIAL OPENING WITH FRENCH AND QUEBEC POLITICAL REPRESENTATIVES**
- Prof. Farouk Yalaoui, UTT, France
 - Prof. Hany Moustapha, ETS, Canada
 - M. Marc Troia, President of GET industry, France
 - Prof. Christophe Collet, UTT, France,
 - Prof. Jérôme Sterpenich, University of Lorraine, France
 - Representative of UHA, France
 - Prof. Bertand Rose, University of Strasbourg, France
 - Prof. Alexandre Philippot, URCA, France
 - Rémi Quirion, Chief Scientist of Québec
 - Claude Sturni, Vice-President of the Grand Est Region
- 9:30 - 9:45** **PLENARY 1 : INDUSTRY X.0 IN FRANCE AND EUROPE**
- Prof. Farouk Yalaoui, UTT France
- 9:45 - 10:00** **PLENARY 2 : SMART DIGITAL GREEN SOCIETY IN QUÉBEC**
- Prof. Hany Moustapha, ETS, Canada
- 10:00 - 10:30** **SDG INTERNATIONAL LAUNCHING (SIGNATURE)**
- Prof. Hany Moustapha, SDG QUEBEC (ETS, Canada),
 - Prof. Farouk Yalaoui, GET Industry-CAS International (UTT, France)
- SDG INTERNATIONAL GRAND EST REGION SUPPORT (SIGNATURE)**
- Claude Sturni Vice-President of the Grand Est Region
 - Prof. Hany Moustapha, ETS, Canada

COFFEE BREAK (10 MINUTES)

- 10:40 - 12:15** **INTERNATIONAL PANEL DISCUSSION**
- Prof. Omar Alfandi, Dean, College of Technological Innovation, Zayed University, UAE
 - Prof. Khalil Abdelrazek Khalil Abdelmawgoud, Assistant Dean For Graduate Studies and Prof Tahar Laoui, Head of Department of Mechanical and Nuclear Engineering, University of Sharjah, UAE
 - Prof. Marius Purcar, Universitatea Tehnica Cluj-Napoca UT Cluj, Romania
 - Prof. Dinh-Lam NGUYEN, The University of Da-Nang, Vietnam
 - Dr. Mohamed Shinawi, President, Galala University, Egypt
 - Prof. Samir Belfkih, Director of ENSAM Rabat, Morocco
 - Dr. Kaïes Mabrouk, Edupreneur, KM conseil, Carthage, Tunisia
 - Prof. Kondo H. Adjallah, Director of École Polytechnique de Lomé, University of Lomé, Togo
 - Prof. Oumar Sock, président Conseil scientifique ANAQ-SUP, Vice-président NASAC, réseau académies des sciences d'Afrique, Sénégal

12:15 - 13:30 LUNCH BREAK

For your information : the summit is in French & English with live translation



AFTERNOON

- 13:30 - 14:40** **WORKSHOP 1 : ACADEMIC PROJECTS WITH INDUSTRIAL COMPANIES**
Chairs : Prof. Benoit Iung, University of Lorraine France, Prof. Michel Basset, UHA France, Prof. Amin Chaabane, ETS Canada
- INTRODUCTION : PROF. BENOIT IUNG
- *Advanced Air Mobility using eVTOL - Digital Twin of Cities and Vertiports* : Prof. Yasmina Maizi, UQAM, Canada (10 minutes)
 - *Development of a Systemic Approach and Advanced Analytical Tools for Effective and Sustainable Digital Transformation of Manufacturing Companies* : Prof. Tasseda Boukherroub, École de technologie supérieure et Prof. Christophe Danjou, École Polytechnique, Canada (10 minutes)
 - *Improved Planning and Assembly Processes for Cleanroom Walls* : Prof. Jonathan Gaudreault, University of Laval, Canada (10 minutes)
 - *Prognosis based on data augmentation for predictive maintenance of industrial systems: Application to the ARCELORMITTAL context*: Prof. Benoit Iung, University of Lorraine, France
 - *PHM (Prognostics and Health Management) Factory: Joint laboratory between CRAN and the PREDICT company*: Prof. Benoit Iung, University of Lorraine, France
 - *TBD* : Prof. Michel Basset, UHA France
- SUMMARY : PROF. AMIN CHAABANE
AUDIENCE EXCHANGE : PROF. MICHEL BASSET
- SHORT BREAK (10 MINUTES)**
- 14:50 - 16:00** **WORKSHOP 2 : INDUSTRIAL INNOVATION**
Chairs : Prof. Christophe Danjou, Polytechnique Montreal, Canada, Prof. Bertrand Rose, UNISTRA France
- INTRODUCTION : PROF. CHRISTOPHE DANJOU
- *Digital Manufacturing at an SME* : Yves Proteau (APN Global, Québec)
 - *Digitalisation of the Petit Bateau company* : Jean Marc Guillemet (Petit Bateau, France)
 - *Smart Factory by Sew* : Jérôme Amann (Sew Usocome)
- AUDIENCE EXCHANGE : PROF. BERTRAND ROSE
- SHORT BREAK (10 MINUTES)**
- 16:10 - 17:30** **WORKSHOP 3 : INDUSTRIAL PLATFORMS AND TRAINING**
Chairs : Prof. Alexandre Philippot, Prof. Elaine Mosconi
- INTRODUCTION : PROF. ALEXANDRE PHILIPPOT
- *CREATE Training Program and Digital Manufacturing -Supply Chain Test-bed* : Prof. Jonathan Gaudreault, University of Laval, Canada (15 minutes)
 - *SDG Skills Development* : Prof. Elaine Mosconi, University of Sherbrooke, Canada (10 minutes)
 - *Digital Enterprise Training* : Prof. Amin Chaabane, ETS, Canada (10 minutes)
 - *Plateforme GAIA* (<https://gaia.icube.unistra.fr/index.php/Accueil>) : Dr. Vincent Noblet, University of Strasbourg (10 minutes)
 - *Plateforme FFCA* : Prof. Leila Merghem, UTT (10 minutes)
 - *Presentation of the Lorraine Fab Living Lab* : Dr. Laurent Dupont, University of Lorraine (10 minutes)
- AUDIENCE EXCHANGE : PROF. ELAINE MOSCONI
- CLOSING SESSION**

COCKTAIL - END OF THE DAY