

1st Colloquium on Theoretical and Experimental Micro-Mechanics

18.-19. Nov. 2019, Metz, France



Recent advances in the characterization of mechanical properties at small scales by experimental and numerical methods

This colloquium aims for current developments in experimental and numerical methods to characterize and understand the mechanical behavior, influence of interfaces, damage evolution, influence of environment and more at small length scales. New advanced experimental as well as numerical methods will be addressed. The colloquium will take place in the nice city of Metz (Lorraine) in the triangle of France, Germany and Luxembourg. Contributions are welcome.

KEYNOTE SPEAKERS: - **Dr. Christoph Kirchlechner**, Max-Planck-Institut für Eisenforschung, Düsseldorf
- **Dr. Marc Fivel**, SIMAP, CNRS, Université Grenoble Alpes, Grenoble

ABSTRACTS: If you want to contribute to the colloquium please send a 250 words abstract to xiaolei.chen@univ-lorraine.fr before 30.9.2019. Please indicate whether you wish to attend the dinner.

PRELIMINARY PROGRAM:

- **18. November:**
 - 10:00 Welcome Coffee with snacks
 - 11:00 Session: Experimental methods
 - 13:00 Lunch break
 - 14:00 Session: Atomistic simulation
 - 19:00 Dinner (*optional, self-paying*)
- **19. November:**
 - 9:00 Session: Meso-scale simulations
 - 12:00 Lunch break
 - 13:00 Session: Environmental effects
 - 15:00 End of Colloquium

ORGANIZERS

Dr. Stéphane Berbenni
Laboratoire LEM3
Université de Lorraine, CNRS
Prof. Dr. Christian Motz
Experimental Methods
Universität des Saarlandes

VENUE

Amphitheater, UFR MIM,
Université de Lorraine,
Technopole
7, rue Felix Savart
57070 Metz, France

REGISTRATION

Please register by email until 30.9.2019 to xiaolei.chen@univ-lorraine.fr
Please provide the following information
— Title, Name, First Name
— Institution, Postal address
— Phone number, email

IMPORTANT DATES

30.9.2019 – Abstract submission
15.10.2019 – Acceptance
18.-19.11.2019 – Colloquium