Soft Material Models SMM2025
Thematic School
April 21-23, 2025
Ben Salah Amphi, ENIT

Coordinators: Nadia Chouaieb & Mohamed Trifa

Theme 1	Experimentation and modelling
Theme 2	Modelling and numerical simulation

Monday : April 21 2025

08h00-10h00	Inscription	
10h00 - 13h00	**Jean Benoit Le Cam** University of Rennes, France	Recent advances in the experimental thermomechanics of elastomers. How to deal with large deformations?
13h00 - 14h30	Lunch	
14h30 - 17h30	**Stéphane Meo** University of Tours, France	Mechanics of Elastomers: Constitutive Laws in Large Deformations Dialogues: Experiments, Modeling, and Simulation. Examples and Parameter Identification

Tuersday : April 22 2025

08h00 - 08h30	Inscription	
08h30 - 10h30	**Adnane Boukamel** Centrale Pékin, China	Modélisation des couplages multiphysiques des élastomères dissipatifs: De la thermomécanique à la thermo-chemo-mécanique et le vieillissement
11h00 - 13h00	**Claude Stolz** CNRS, France	Thermodynamical approach of wear contact
13h00 - 14h30	Lunch	
14h30 - 17h00	**Noureddine Damil** Centrale Casablanca, Morocco	Numerical solutions for non-linear mechanics using the Asymptotic Numerical Method (ANM)

Wednesday : April 23 2025

08h30 - 10h30	**Issam Doghri** UCLouvain, Belgique	Mean-field homogenization of composite materials: from linear to nonlinear models.
10h30 - 11h00	Break	
11h00 - 13h00	**Oscar Lopez-Pamies** University of Illinois, USA	Modelling the Mechanics & Physics of Elastomeric Composites from the Bottom Up