

# WORKSHOP

## on High Entropy Alloys



Amphitheater 200, ARTEM  
Campus, Nancy



Wednesday,  
February 25, 2026

9h55

Jean-François Pierson – Welcome

10h00

**Brian Cantor** (University of Oxford and Brunel University) - *Multicomponent high entropy Cantor alloys*

10h30

**Vincent Fournée** (Institut Jean Lamour) - *Structure and enhanced magnetocaloric effect in rare-earth free high-entropy alloys*

11h00

**Patrice Berthod** (Institut Jean Lamour) - *Intrinsic properties of the Cantor's alloy at high temperature and their modifications by addition of other elements*

11h30

**Alexandre Nominé** (Institut Jean Lamour) – *Order-disorder duality of high entropy alloys extends non-linear optics*

12h00

BREAK (Please note that lunch will not be provided during the workshop)

14h00

**Erik Lewin** (University of Uppsala) - *Epitaxy and twinning in sputter-deposited Cantor alloy thin films*

14h30

**Stéphane Andrieu** (Institut Jean Lamour) - *Cantor thin films grown by molecular beam epitaxy*

15h00

**Julian Ledieu** (Institut Jean Lamour) - *High entropy alloy surfaces*

15h30

**Miguel Piñeiro Sales** (Institut Jean Lamour) – *Plasmonic properties of high entropy nitride Thin Films*

16h00

Conclusion and coffee