

Jianying He, Norwegian University of Science and Technology (NTNU), Norway

Talk title	Nanoscale thermal transport
Biography	<p>Dr. Jianying He, professor in Nanomechanics at Norwegian University of Science and Technology (NTNU), Trondheim, Norway, received her PhD in structural engineering in 2009. After two years postdoc research experience, she worked as an associate professor at NTNU since 2011 and was promoted to full professor in 2017. She is honored as one of the Outstanding Academic Fellows at NTNU. She dedicates her research to the nanomechanics and interface mechanics of energy and functional materials by multiscale methodologies. She is leading recent research activities on multiphysics of metal coated polymer spheres and polymeric surfaces and coatings for anti-icing and anti-fouling applications. She has built up high competence in nanomechanical characterization, surface design and modification, and thermal measurement, and published more than 170 scientific papers with latest ones in world-class journals like Advance Materials, Nano Letters, Materials Horizons.</p>