

**Odd Sture Hopperstad - Norwegian University of Science and Technology, Norway**

<b>Talk title</b>	Modelling of plasticity and fracture across the scales – applications to aluminium alloys
<b>Biography</b>	Odd Sture Hopperstad is professor at Department of Structural Engineering, Norwegian University of Science and Technology (NTNU) in Trondheim, Norway. He earned his doctoral degree at the Norwegian Institute of Technology (NTH) in 1993 and was appointed professor at NTNU in 1998. He is a member of the Norwegian Academy of Technological Sciences and the Royal Norwegian Society of Sciences and Letters. His research activities are mainly within materials mechanics, ductile fracture, formability, crashworthiness, and structural impact. Within these fields, he has authored/co-authored about 260 articles in international journals with peer review. He has supervised 51 PhD students in the past and is currently supervising 10 PhD students. Currently he is Research Director of the Centre of Research-based Innovation CASA and principal investigator of the Toppforsk project FractAI at NTNU. From fall 2010, he is Associate Editor in European Journal of Mechanics – A/Solids