

High Strength ODS steels: Fundamentals and applications			
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	Summary		
B1.IV	<p>The correlations between the size distribution and nature of nanoscale features with the resulting materials properties are in focus of this Symposium. It will cover the interaction between the obtained microstructure and the mechanical properties in Fe-base ODS steels, strategies to enhance the microstructural stability, new developments of tailoring/grading and functionalization of materials by ODS-processing as well as principal investigations on the deformation mechanisms in Fe-base ODS steels related to processing strategies. Points to be considered within the scope of the symposium are (among others): Fabrication; Microstructure and mechanical properties; Corrosion and oxidation and Modeling, simulation and theory of materials behavior.</p>		