

**Programme**  
**Texture and Anisotropy Symposium**  
**TU-Delft**  
**March 31<sup>st</sup>, 2017, 10:00-17:00**

Delft University of Technology, Applied Physics Building, Lorentzweg 1, 2628CD Delft  
Lecture Room F

How to get there: <http://www.tudelft.nl/building22>

9:15      **Registration + Coffee and Welcoming**

9:45      L. Kestens  
*Welcoming Address*

10:00     W. Skrotzki (TU-Dresden):  
*Microstructure and texture evolution during severe plastic deformation of CrMnFeCoNi high-entropy alloy*

10:30     L.S. Toth (Univ. de Lorraine):  
*Modeling the effect of twinning on large strain texture evolution in ECAP of TWIP steel*

11:00     **Coffee Break**

11:15     F.L. Berrenberg (IMM-RWTH)  
*Microstructure and texture evolution during asymmetric rolling of a high manganese TWIP steel*

11:45     D. Zöllner (TU-Dresden)  
*On the influence of subgrain boundaries on coarsening of polycrystalline grain structures*

12:15     **Lunch Break + Poster Session**

14:00     M. I. Latypov (Georgia Tech)  
*Data Science Approaches to Multiscale Modeling of Advanced Metallic Materials*

14:30     Y. Zhao (Univ. de Lorraine)  
*Role of Grain Boundary Sliding in Texture Evolution for Nanoplasticity*

15:00     **Coffee Break**

15:30     Y. Zhang (Univ. de Lorraine)  
*Lattice instability of  $\beta$  phase of metastable  $\beta$  Ti alloy studied by TEM*

16:00     J. Galan-Lopez (Delft University of Technology)  
*Formability Gradient Distribution Function: Application to the Optimization of BCC Textures for Improved Deep-Drawing Behaviour*

16:30     L. Kestens (Ghent University)  
*Advanced High Strength Steels: Improved Properties by Design of Textures and Microstructures*

17:00     End of Symposium

*\*For each lecture a time slot of 30min is foreseen, 25 min lecture + 5 min discussion.*