

4TU.HTM Materials – Dutch Materials 2016 'New Horizons in designer materials'

Posters

1. Dr. Priscilla Brandão Silva – TU/e – Mechanical Engineering – Mechanics of Materials

Title: *The fascinating dynamics of acoustic metamaterials with nonlinear local resonators*

2. Dr. Danqing Liu – TU/e – Chemical Engineering and Chemistry – Functional Organic Materials and Devices

Title: *Dynamic surface topographies formed in liquid crystal network*

3. Dr. Joe Patterson – TU/e – Chemical Engineering and Chemistry – Materials and Interface Chemistry

Title: *Understanding structure formation in hierarchical hybrid materials through in situ liquid phase microscopies*

4. Dr. René Poelma – TU Delft – Electrical Engineering, Mathematics and Computer Science – Electronic Components, Technology and Materials

Title: *Characterization and multi-scale modelling of nanofoam materials for qubit integration at cryogenic temperatures*

5. Dr. Maciek Kopeć – UT – Materials Science and Technology of Polymers

Title: *'From Flatland to Spaceland': Towards Advanced, 3-Dimensional Materials Bottom-Up, from Polymer Decorated Nano- and Microstructures*

6. Dr. Nicholas Tito – TU/e – Applied Sciences – Theory of Polymers and Soft Matter

Title: *Cell targeting and switch-like surface binding with multivalent particles*