

Ameland Summer School Smart Materials

28 May – 2 June 2017

Preliminary Program

Sunday 28.05	Monday 29.05	Tuesday 30.05	Wednesday 31.05	Thursday 1.06	Friday 2.06
18.00 Arrival	8.30 Opening 9.00 Karin Schroën <i>“Food micro- and nanotechnology”</i>	9.00 Marek Urban <i>“What Physico-Chemical Processes May Trigger Self-Healing in Polymeric Materials?”</i>	9.00 Andrei Kirilyuk <i>“Laser manipulation of magnetism”</i>		9.00 Thomas Speck <i>“Biomechanics of plant structures and movements as concept generators for bioinspired technology and architecture”</i>
	12.00 Lunch	12.00 Lunch	12.00 Lunch	12.00 Lunch	12.00 Closing remarks
	13.30 Katja Loos <i>“Functional Block Copolymers: Perspectives for Advanced Materials”</i>	13.30 Sybrand van der Zwaag <i>“Self-healing materials: the concept and the realisation in a number of material classes”</i>	13.30 Andre ten Elshof <i>“Two-dimensional metal oxides as building blocks for the design of functional materials”</i>	13.30 Pim Groen <i>“Piezoelectric Materials”</i>	12.30 Lunch & departure
	16.30 Markus Biesalski <i>„Are high-tech materials possible with low-cost paper-based materials?“</i>	16.30 Katarina Novakovic <i>“Intelligent rhythmic hydrogels and their applications in healthcare”</i>	16.30 Sissi de Beer <i>“Stimulus responsive polymer brushes and their application in controlling friction and adhesion”</i>	16.30 Dick Broer <i>“Liquid crystal networks: one principle, infinite application”</i>	
20.00 Dinner	19.00 Dinner	19.00 Dinner	19.00 Dinner	19.00 Dinner	
		20.30-22.30 Posters & drinks	20.30-22.30 Posters & drinks		

Information: <https://www.4tu.nl/htm/en/events/ameland-summer-school-smart-materials/>



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