

**ETH** zürich

# Materials Day

Department of Materials  
**Today, Tomorrow and Beyond**

**Wednesday, October 18, 2017**

HG F30 Auditorium Maximum, ETH Zürich

**Deadline for registration: October 13, 2017**

**Participation is free of charge but registration is required** [www.materialsday.ethz.ch](http://www.materialsday.ethz.ch)

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08.00	<b>Registration</b> Participation is free of charge but registration is required	14.00	<b>Active Colloids: Breaking the Symmetry to Introduce Propulsion</b> Prof. Lucio Isa
09.00	<b>Opening address</b> Prof. Ralph Spolenak	14.20	<b>Correlated Atomic-Scale Analysis Drives the Future of Materials Development</b> Prof. Jörg F. Löffler (Talk by Dr. Robert Schäublin)
09.10	<b>Looking Beyond the Silicon Age</b> Prof. Nicola Spaldin	14.40	<b>Do Interfacial Material Properties Exist?</b> Prof. Hans Christian Öttinger
09.30	<b>Nanoparticle-Based Aerogels: New Materials for Energy Storage and Conversion</b> Prof. Markus Niederberger	15.00	<b>The Magic of Mesoscopic Magnets</b> Prof. Laura Heyderman
09.50	<b>Shining Light on Oxide Electronics</b> Prof. Manfred Fiebig	15.20	<i>Coffee Break &amp; Poster Session</i>
10.10	<b>Imitating Cartilage with Polymers</b> Prof. Nicholas Spencer	16.10	<b>The Art of Magnetic Writing</b> Prof. Pietro Gambardella
10.30	<i>Coffee Break</i>	16.30	<b>3D Printing of Biologically- Inspired Composites</b> Prof. André R. Studart
11.00	<b>Self Organisation on the Nanoscale-A Pathway to Large Area Applications</b> Prof. Ralph Spolenak	16.50	<b>Engineering Soft Materials: Interfacial Design</b> Prof. Jan Vermant
11.20	<b>Surface Stresses and Self- Assembly in Soft Solid Composites</b> Prof. Eric Dufresne	17.10	<b>Closing remarks</b> Prof. Ralph Spolenak
11.40	<b>ETH Materials Research Prize</b>	17.20	<i>Apéro</i>
12.30	<i>Lunch &amp; Poster Session</i>		

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