

Materials Day

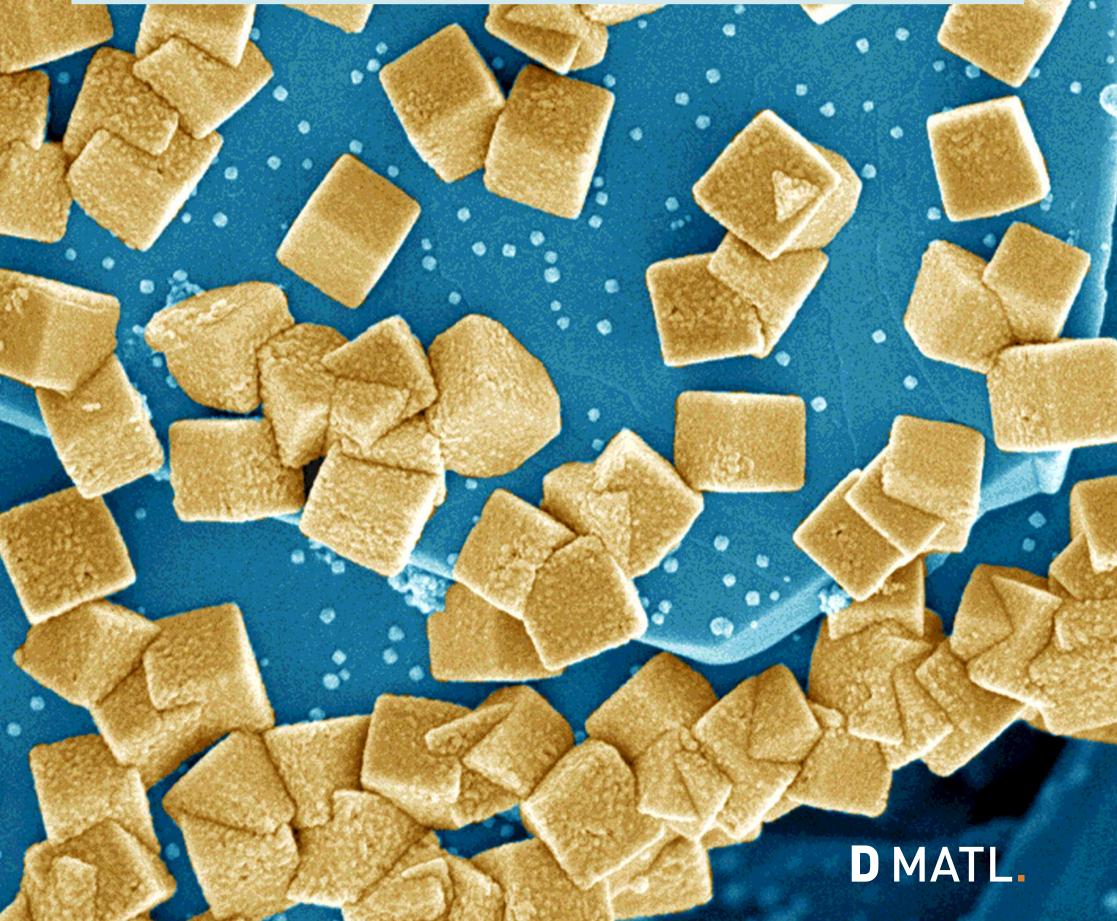
Department of Materials

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



ETH zürich

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

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