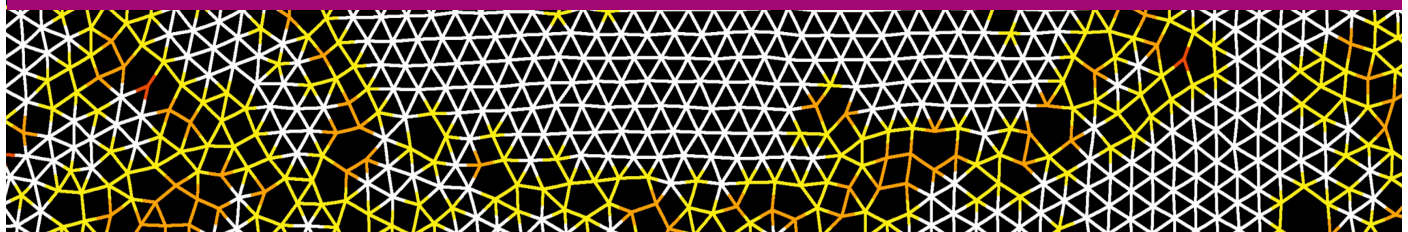# Symposium in honor of Frans Spaepen Honorary Doctorate ETH Zurich

Friday, December 8, 2023 – HIL E7/E8

"From colloidal materials to metallic glasses"

Time	Session	Location
8:50 – 9:00	**Welcome** Prof. André R. Studart, Head Department of Materials	**HIL E 7** **8 – 12**
9:00 – 9:35	**Colloidal materials: material science at micrometer length scales** Prof. Peter Schall, Institute of Physics, University of Amsterdam, the Netherlands	
9:35 – 10:10	**Soft matter, hard questions** Prof. Katharine E. Jensen, Department of Physics, Williams College, USA	
10:10 – 10:35	*Break*	
10:35 – 11:10	**On an experimentalist's hard search for free volume** Prof. Robert Maass, Federal Institute of Materials Research and Testing (BAM), Berlin, Germany	
11:10 – 11:45	**Exploring plastic deformation in amorphous solids: a journey from colloidal glasses to colloidal gels** Pierre Lehéricey (Ph.D.), Laboratory for Soft Materials, ETH Zurich, Switzerland	
11:45 – 13:00	*Lunchtime in the cafeterias around the HIL and change to lecture hall HIL E8 for the afternoon session*	
13:00 – 13:40	**Ferrimagnetic garnets for spintronics, magnonics and photonics** Prof. Caroline A. Ross, Department of Materials Science & Engineering, MIT, USA	**HIL E 8** **13 – 17**
13:40 – 14:15	**Disorder and the Invar effect** Alexander Firlus (Ph.D.), Laboratory of Metal Physics and Technology, ETH Zurich, Switzerland	
14:15 – 14:50	**Structural excitations in a model binary metallic glass** Hugo Bocquet (Ph.D.), Condensed Matter Theory Group, Paul Scherrer Institute, Villigen, Switzerland	
14:50 – 15:20	*Break*	
15:20 – 16:00	**Metallic glasses in the footsteps of Frans Spaepen** Prof. A. Lindsay Greer, Department of Materials Science & Metallurgy, University of Cambridge, UK	
16:00 – 16:45	STAUDINGER-DURRER LECTURE **Why ultrasoft colloidal crystals are really very strong** Prof. Frans Spaepen, Harvard School of Engineering and Applied Sciences, Harvard University, USA	
16:45 – 17:00	**Honoring Prof. Frans Spaepen with the Staudinger-Durrer Prize** Prof. Günther Dissertori – Rector of ETH Zurich	
17:00 – 18:00	*Apéro*	

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