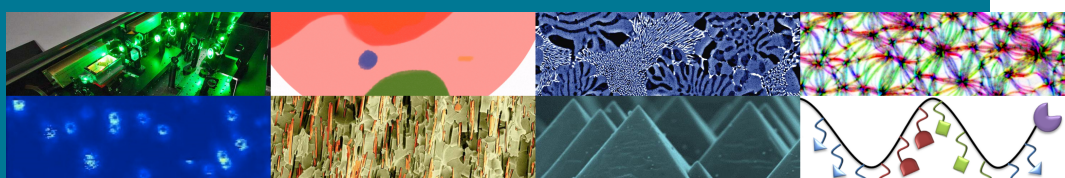
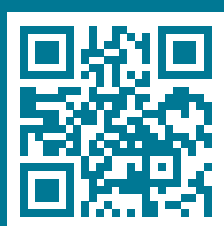


Materials Colloquium 2022



Wednesday | 16:30



ETH Hönggerberg & Zoom

← scan here for more information,
or go to sam.mat.ethz.ch/mc2022

—
Mar
2nd

Eldho Edison

Multifunctional Materials – D-MATL

Sodium ion batteries: Opportunities and challenges

Sebastian Gliga

Laboratory for Condensed Matter – PSI

Dancing round in a ring: Magnetic vortices in three dimensions

—
Apr
6th

Aria Mansouri

Materials Theory – D-MATL

Accelerating the search for functional materials using machine learning methods

Mihai Stoica

Metal Physics and Technology – D-MATL

Soft magnetic Fe-based bulk glassy alloys – a comprehensive case study

—
May
4th

Rolf Erni

Electron Microscopy Center – EMPA

Birth of solids studied by liquid-phase electron microscopy

Maria Feofilova

Soft and Living Materials – D-MATL

Frustrated frustules: Geometrical frustration in the diatom cell wall

—
Oct
5th

Ahmet Demirörs

Complex Materials – D-MATL

Soft magnetic carpets for transport of solids, liquids and droplets

Hans Kroha

Universität Bonn

Heavy-fermion materials: How electrons get heavy and ultimately pass away

—
Nov
2nd

Cari Dutcher

University of Minnesota

Foams and emulsions: Deforming bubbles and coalescing droplets with microscale flows

Arkadiy Simonov

Multifunctional Ferroic Materials – D-MATL

Understanding disordered crystals: A lesson from machine learning

—
Dec
14th

Esther Amstad

Soft Materials Laboratory – EPFL

3D printing of adaptive, load-bearing hydrogels

Martina Cihova

Imperial College London

Zooming in on material-cell interfaces

