

# Symposium Anomalous Transport in Heterogeneous Media - from Porous Materials to Cellular Crowding (SYAT)

jointly organized by  
the Biological Physics Division (BP),  
the Dynamics and Statistical Physics Division (DY),  
the Chemical and Polymer Physics Division (CPP), and  
the Metal and Material Physics Division (MM)

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## Overview of Invited Talks and Sessions

(lecture room H1)

### Invited Talks

SYAT 1.1	Wed	14:30–15:00	H1	<b>Aging, ergodicity breaking and universal fluctuations in continuous time random walks: Theory and (possible) experimental manifestations</b> — •IGOR SOKOLOV
SYAT 1.2	Wed	15:00–15:30	H1	<b>Distinguishing anomalous from simple diffusion in crowded solutions and in cells with fluorescence correlation spectroscopy</b> — •CECILE FRADIN, DANIEL BANKS, SHYEMAA SHEHATA, FELIX WONG, ROBERT PETERS
SYAT 1.3	Wed	15:30–16:00	H1	<b>Exploring Diffusion in Nanostructured Systems with Single Molecule Probes: From Nanoporous Materials to Living Cells</b> — •CHRISTOPH BRÄUCHLE
SYAT 2.1	Wed	16:30–17:00	H1	<b>The Lorentz model: a paradigm of anomalous transport</b> — •FELIX HÖFLING
SYAT 2.2	Wed	17:00–17:30	H1	<b>Viscoelastic subdiffusion: from anomalous to normal</b> — •IGOR GOYCHUK
SYAT 2.3	Wed	17:30–18:00	H1	<b>Phase transitions, liquid micro-compartments, and embryonic patterning</b> — •CLIFFORD BRANGWYNNE, JÖBIN GHARAKHANI, ANTHONY HYMAN, FRANK JÜLICHER

### Sessions

SYAT 1.1–1.3	Wed	14:30–16:00	H1	<b>Anomalous Transport in Heterogeneous Media I</b>
SYAT 2.1–2.3	Wed	16:30–18:00	H1	<b>Anomalous Transport in Heterogeneous Media II</b>