



Workshop on Solid-Liquid Interfaces

Tuesday, September 27th 2022; 9:00 – 17:00 (UTC+2)

ICSM Auditorium, Marcoule (Bagnols-sur-Cèze, France)

Program

9:00 – 9:10	Introduction <i>Diane REBISCOUL & Magali DUVAİL (ICSM)</i>
9:10 – 10:10	Monitoring of mineral alteration kinetics by measuring the evolution of the surface topography at a submicron scale <i>Damien DAVAL (Institut des Sciences de la Terre, Univ. Grenoble Alpes, France)</i>
10:10 – 10:25	Break
10:25 – 10h45	Direct observation of solid-liquid interfaces in a (scanning) electron microscope <i>Renaud PODOR (L2ME, ICSM, France)</i>
10:45 – 11:10	In operando monitoring of the evolution of solid-liquid interfaces by microscopies <i>Stéphanie SZENKNECT (LIME, ICSM, France)</i>
11:10 – 11h40	Use of X-ray scattering for the characterization of material alteration in aqueous solutions <i>Diane REBISCOUL (L2ME, ICSM, France)</i>
11:40 – 12:00	Discussions
12:00 – 14:00	Lunch
14:00 – 15:00	Direct Observations of Reactivity of Ions at Mineral-Water Interfaces <i>Paul A. FENTER, (Interfacial Processes Group, Argonne National Laboratory, IL, USA)</i>
15:00 – 15:15	A new methodology to study the Rare earth element interaction with functionalized surface <i>Diane REBISCOUL (L2ME, ICSM, France)</i>
15:15 – 15:30	Experimentally probing ionic solutions in single-digit nanoconfinement <i>Hassan KHODER (LNER, ICSM, France)</i>
15:30 – 16:00	Element-specific structural characterization of molecular layers and interfaces with x-ray fluorescence <i>Emanuel SCHNECK (Technical University of Darmstadt, Germany)</i>
16:00 – 16:30	Simulation at the service of liquid-solid interfaces <i>Bertrand SIBOULET (LMCT, ICSM, France)</i>
16:30 – 17:00	Closing remarks

<https://umontpellier-fr.zoom.us/j/94810282636?pwd=UjMzaFNrS1FyYlVzbTd0WkZlV3hwUT09>
Meeting ID: 948 1028 2636
Pin code: 548813

