

	Objet	Intervenant
9h30	<b>Bienvenue : bilan, perspectives, lancement brainstorming sur l'avenir de Respire</b>	Christian Serre
9h45	Exemples d'utilisation de la caméra Gatan K2 IS pour l'étude par microscopie électronique en transmission haute résolution (HRTEM) de matériaux fragiles	Gilles Patriarche
9h55	Le MEB environnemental, une parfaite complémentarité avec le MEB haut vide	Bruno Bresson
10h05	X-ray nanotomography at the ANATOMIX beamline of Synchrotron SOLEIL	Timm Weitkamp
10h15	Getting into the private life of batteries via sensing	Equipe JM Tarascon**
10h25	Natural Abundance Oxygen-17 Solid-State NMR of Metal Organic Frameworks Enhanced by Dynamic Nuclear Polarization	Diego Carnevale
10h35	Spectroscopic ellipsometry applied to porous solids	Cédric Boissière
10h45	Pause	
11h15	Studying the nanomechanics of living cells and biomimetic systems by AFM	Clément Campillo
11h25	Using Pair Distribution Analysis (PDF) for investigating the structure of guest@MOF photosystems for CO2 reduction	Mellot-Draznieks Caroline
11h35	Cat@MOFs: Encapsulation of molecular catalysts in MOFs for CO2 reduction	Julien Bonin
11h40	Mesoporous-based catalysts with optimized metal dispersion for lignin upgrading under an oscillating magnetic field	Franck Launay
11h45	Hybrid Organic-Inorganic Membrane as New Electrolyte in All Solid State Battery (HyME-SSB)	Christel Laberty-Robert
11h50	ARPIB: Toward high energy density and sustainable Aqueous Rechargeable all-Proton-Ion Batteries operating under mild and non-corrosive pH conditions: exploring a new par	Nikolina Makivic
12h	ELECTRODES FOR BLUE ENERGY	Annie Colin
12h10	Cyclodextrins complexation to discriminate polysulfides : first steps of nanopores as batteries sensors.	Fanny Betermier
12h20	Hybrid imogolite as photocatalytic nanoreactor for environmental to energy related applications	Sabyasachi Patra
12h30	Déjeuner	
14h00	Exploring strategies towards controlled aggregates of Prussian blue nanoparticles	Riya George
14h10	Novel bi-porous and bio-inspired polymeric materials: synthesis, characterization and transport properties	Benjamin Droumaguet
14h20	Two Dimensionals semi-conducting functional porous materials (2DFUN)	Antoine Tissot
14h30	Caractérisation des hétérogénéités des réservoirs Géothermiques d'Ile-de-France par le développement d'une Modélisation numérique hydro-dynamique	Maxime Catinat
14h40	Development of digital twins for 3D printing of echogenic synthetic organs	Hossein Kamalinia
14h50	Nanopore-based single molecule sensing towards protein sequencing	Hadjer Ouldali
15h00	A 3D model of lung cancer for in vitro relevant screening of nanoMOFS	Simona Mura
15h10	Pause	
15h40	Study of degradation mechanism of hybrid porous particles for drug delivery applications.	Joanna Christodoulou
15h50	Development of porous scaffolds with advanced electromechanical properties for cardiac tissue engineering*	Onnik Agbulut
16h00	Design of injectable thermosensitive hydrogels with tunable macro-porosity for cell delivery	Phuong Anh Dang
16h10	Selective Protein Binding Using a Solid-state Nanopore into a Microfluidic Device	Izadora Fujinami
16h20	Elaboration of healthy extracellular matrix models via ice-templating	Francisco Fernandes
16h30	Capteur hautement sensible aux faibles pressions. Développé pour la mesure continue et non invasive de la pression artérielle.	Mickaël Pruvost
16h40	Collapse and cavitation during the drying of water-saturated PDMS sponges with closed porosity	Artem Kovalenko
16h50	<b>Bilan brainstorming</b>	
17h30	Fin	

\* titre à confirmer

\*\* intervenant à confirmer