

Processing II (Lecture Session)	Room 5BC
Chair: Larry L. ...	MIT
FrORii5BC.1	
Intermediate Phase Cold Sintering	
Chair: ... (Materials Science and Engineering, Sheffield), Guo, Jing (Materials Research Institute of Materials Science), Baker, Amanda (Materials Research Institute and Department of Materials Science and Engineering, University of Sheffield), ... (Penn State University)	
FrORii5BC.2	
Perovskites: Chemical Design, Processing and ...	
Chair: ... (Penn State University), Gao, Lisheng (The Pennsylvania State University), Dursun, Sinan (The Pennsylvania State University), Tsuji, Kosuke (Penn State University)	
FrORii5BC.3	
Solid Oxide Fuel Cells: Single Step	
Chair: ... (IREC), Pesce, Arianna (IREC - Catalonia Energy Research), Torrell, Marc (IREC Catalonia Energy Research), Nuñez, Marc (IREC - Catalonia Energy Research), Morata, Alex (IREC, Jardins De Negre 1, Planta 2, 08930, Sant Adr), Tarancon, ... (IREC)	
FrORii5BC.4	
Synthesis for the Large-Scale Deposition of Metal Nanoparticles	
Chair: ... (Ecole Polytechnique Federale De Lausanne), ... (Ecole Polytechnique Federale De Lausanne), ... (Ecole Polytechnique Federale De Lausanne), Lesch, Andreas (University of Bologna)	
FrORii5BC.5	
Actuators IV (Lecture Session)	Room 1A
Chair: ...	Korea Advanced Institute of Science and Technology
FrORii1A.1	
Metal Surface Heterostructures in the SMOX Based Gas Sensors (I)	
Chair: ... (University of Tuebingen), Weimar, Udo (University of Tuebingen)	
FrORii1A.2	
Thin Doped Ceria Ceramics: From Anelasticity to Piezoelectricity	
Chair: ... (Weizmann Institute of Science), Nino, Juan (Weizmann Institute of Science), ... (Weizmann Institute of Science), ... (Weizmann Institute of Science), ... (Weizmann Institute of Science)	
FrORii1A.3	
Characterization of a Room Temperature Electrochemical Actuator	
Chair: ... (Weizmann Institute of Science), Mishuk, ... (Weizmann Institute of Science), Wachtel, Ellen (Weizmann Institute of Science), Cohen, Sidney R. (Weizmann Institute of Science), Ushakov, Andrei D. (Ural Federal University), ... (Ural Federal University), Kholkin, ... (Ural Federal University), ... (Weizmann Institute of Science), Lubomirsky, Igor (Weizmann Institute of Science)	

FrORii2BC.1	Room 2BC
ICE-Adapted ... IV (Lecture Session)	
Chair: ... (University of Massachusetts-Amherst)	
09:45-10:15	
Electron Spectroscopy Diagnostics for Oxygen Electrocatalysis of Perovskites (I)	
Chair: Shen, Tzu-Hsien (Ecole Polytechnique Fédérale De Lausanne), Ignatans, Reinis (Ecole Polytechnique Fédérale De Lausanne), Tileli, Vasiliki (EPFL)	
10:15-10:45	
Perovskite Surfaces and Their Reactivity to Oxygen: An Atomic-Scale View (I)	
Chair: Riva, Michele (Institute of Applied Physics, TU Wien), Franceschi, Giada (Institute of Applied Physics, TU Wien), Kubicek, Markus (TU Wien), Schmid, Michael (Tu Wien), Yildiz, Bilge (MIT), Franchini, Cesare (University of Vienna), Fleig, Jürgen (TU Wien, Institute of Chemical Technologies and Analytics), Diebold, Ulrike (Institute of Applied Physics, TU Wien)	
FrORii2BC.2	
FrPLA	Room A
Plenary X/Uchino (Plenary Technical Session)	
Chair: Muralt, Paul (EPFL)	
11:15-12:00	
Fractal Aspects and Critical Lengthscales in Ferroelectrics	
Chair: Uchino, Kenji (The Pennsylvania State University)	
FrPLA.1	