



Session Title	[ThC1] CM Application (Energy)
Date / Time	July 5 (Thu.), 2018 / 11:00-12:10
Room	Room C (#107)
Session Chair	Jeong-O Lee (KRICT, Korea) Clemens B. Winkelmann (Univ. of Grenoble-Alpes, France)

ThC1-I1 (Invited)

11:00-11:25

Ultrafast Diffusion and Superdense Ordering of Lithium in A Single Van Der Waals Gap

Jurgen Smet¹, Matthias Kühne¹, Sven Fecher¹, Federico Paolucci¹, Jelena Popovic¹, Pavel Ostrovsky¹, Dominik Samuelis¹, Joachim Maier¹, Felix Börner², Johannes Biskupek², Ute Kaiser², Mahdi Ghorbani-Asl³, and Arkady Krasheninnikov³

¹Max Planck Inst. for Solid State Research, Germany, ²Univ. Ulm, Germany, ³Helmholtz-Zentrum Dresden-Rossendorf, Germany

ThC1-I2 (Invited)

11:25-11:50

High Thermal Durable Silk-Based Electronic Textiles for Energy Harvesting

Jun Woo Jeon¹, Se Youn Cho², Hyoung-Joon Jin³, and Byung Hoon Kim¹

¹Incheon Nat'l Univ., Korea, ²Univ. of Pittsburgh, USA, ³Inha Univ., Korea

ThC1-I3 (Invited)

11:50-12:15

FBAR Devices for Gravimetric and Bio-Sensing Applications

William I. Mine

Univ. of Cambridge, UK