

**[ThC1] CM Application (Energy)**
**Date / Time** July 5 (Thu.), 2018 / 11:00-12:15

**Place** 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 Smet<sup>1</sup>, Matthias Kühne<sup>1</sup>, Sven Fecher<sup>1</sup>, Federico Paolucci<sup>1</sup>, Jelena Popovic<sup>1</sup>, Pavel Ostrovsky<sup>1</sup>, Dominik Samuelis<sup>1</sup>, Joachim Maier<sup>1</sup>, Felix Börrnert<sup>2</sup>, Johannes Biskupek<sup>2</sup>, Ute Kaiser<sup>2</sup>, Mahdi Ghorbani-Asl<sup>3</sup>, and Arkady Krasheninnikov<sup>3</sup>
<sup>1</sup>Max Planck Inst. for Solid State Research, Germany, <sup>2</sup>Univ. Ulm, Germany, <sup>3</sup>Helmholtz-Zentrum Dresden-Rossendorf, Germany

**ThC1-I2 (Invited)**

11:25-11:50

**High Thermal Durable Silk-Based Electronic Textiles for Energy Harvesting**

 Jun Woo Jeon<sup>1</sup>, Se Youn Cho<sup>2</sup>, Hyoung-Joon Jin<sup>3</sup>, and Byung Hoon Kim<sup>1</sup>
<sup>1</sup>Incheon Nat'l Univ., Korea, <sup>2</sup>Univ. of Pittsburgh, USA, <sup>3</sup>Inha Univ., Korea

**ThC1-I3 (Invited)**

11:50-12:15

**FBAR Devices for Gravimetric and Bio-Sensing Applications**

William I. Mine

Univ. of Cambridge, UK