

**[ThC2] Graphene Device & Application**

<b>Date / Time</b>	July 5 (Thu.), 2018 / 13:30-15:35
<b>Place</b>	Room C (#107)
<b>Session Chair</b>	Byung Hoon Kim (Incheon Nat'l Univ., Korea) Jurgen Smet (Max Planck Institute for Solid State Research, Germany)

**ThC2-I1 (Invited)**

13:30-13:55

**Inside Graphene Devices**

Clemens B. Winkelmann<sup>1</sup>, Sayanti Samaddar<sup>1</sup>, Alessandro De Cecco<sup>1</sup>, Indra Yudhistira<sup>2</sup>, Adam Shaffique<sup>2</sup>, Vladimir Prudkovsky<sup>1</sup>, Claire Berger<sup>3</sup>, Walt de Heer<sup>3</sup>, and Hervé Courtois<sup>1</sup>

<sup>1</sup>Univ. of Grenoble-Alpes, France, <sup>2</sup>NUS, Singapore, <sup>3</sup>Georgia Tech, USA

**ThC2-I2 (Invited)**

13:55-14:20

**Graphene Based NEMS; Physics and Applications**

Sang Wook Lee

*Ewha Womans Univ., Korea*

**ThC2-I3 (Invited)**

14:20-14:45

**Twisted Bilayers of Folded Graphene**

Rolf J. Haug

*Leibniz Univ. Hannover, Germany*

**ThC2-I4 (Invited)**

14:45-15:10

**Photonic Properties of Graphene-Based Supramolecular Self-Assembled Architectures**

Sylvain Le Liepvre<sup>1</sup>, Ping Du<sup>2</sup>, Nataliya Kalashnick<sup>2</sup>, David Kreher<sup>2</sup>, Fabrice Mathevet<sup>2</sup>, Celine Fiorini-Debuisschert<sup>1</sup>, Fabrice Charra<sup>1</sup>, and André-Jean Attias<sup>2</sup>

<sup>1</sup>CEA, France, <sup>2</sup>Sorbonne Univ., France

**ThC2-I5 (Invited)**

15:10-15:35

**2-Dlike Growth of Metals on Supported Graphene Surfaces and Its Applications**

Soo Sang Chae<sup>1</sup>, Seunghun Jang<sup>1</sup>, Won Ki Lee<sup>2</sup>, Du Won Jung<sup>1</sup>, Keun Ho Lee<sup>3</sup>, Jung Dong Kim<sup>3</sup>, Dohyeon Jeong<sup>3</sup>, Hyunju Chang<sup>1</sup>, Jun Yeon Hwang<sup>2</sup>, and Jeong-O Lee<sup>1</sup>

<sup>1</sup>KRICT, Korea, <sup>2</sup>KIST, Korea, <sup>3</sup>Raphas, Korea