

## **The 12<sup>th</sup> International Nanotechnology/MEMS Seminar (INMS2018) (Version 1)**

このたび、ナノテクノロジー、MEMS、ナノマテリアル、グラフェン、量子ドット、ディスプレイ等の研究で著名な下記の方々(米国 1 名, 仏国 3 名, 韓国 2 名, 中国 2 名 計 8 名)が中本・文研を来訪されます。

Prof. Ioannis (John) Kymissis,	Columbia University,	USA
Prof. Yvan Bonnassieux,	Ecole Polytechnique,	France
Dr. Amélie Dussaigne,	CEA-LETI,	France
Prof. Jin Jang/Prof. Eric Moyen	Kyung Hee University,	Korea/France
Prof. Kyu-Chang Park,	Kyung Hee University,	Korea
Prof. Frank Yan,	Fuzhou University,	China
Prof. Xiaowei Sun,	Southern University of Science and Technology,	China

The 12th International Nanotechnology/MEMS Seminar (INMS2018)を下記のとおり開催いたしますので、多数御出席くださるよう何卒宜しくお願い申し上げます。

静岡大学 名誉教授, 静岡大学工学部 客員教授 中本正幸 Prof. Masayuki Nakamoto  
静岡大学 電子工学研究所 助教 文 宗鉉 Prof. Jonghyun Moon (TEL: 053-478-1319)

## **The 12th International Nanotechnology/MEMS Seminar (INMS2018)**

**Date: Dec 10th (Mon), 2018 11:15~17:50**

**Dec 11th (Tue), 2018 10:00~11:50**

**Place: Shizuoka University, Hamamatsu Campus, S-Port 3F Conference Hall**

**Registration Fee for Seminar: Free**

## **Monday, December 10<sup>th</sup> (11:15~17:50)**

Place: Shizuoka University, Hamamatsu Campus, S-Port 3F Conference Hall

### **Opening**

- 11:15      Opening Remarks  
Prof. Masayuki Nakamoto (General Chair of INMS, Shizuoka Univ.)
- 11:25      Opening Greetings  
Prof. Kiyoshi Ishii (President, Shizuoka Univ.)
- 11:35      Opening Greetings  
Prof. Yoshimasa Kawata (Dean of the Faculty of Engineering, Shizuoka Univ.)
- 11:45-13:30      Lunch

### **Session 1: Micro/NanoDisplays and Nanotechnology Applications**

- 13:30-14:20      **Prof. Ioannis (John) Kymissis (Columbia Univ., USA)**  
Miniature Spectrometers Using Photonic Crystal Devices
- 14:20-15:10      **Dr. Amélie Dussaigne (CEA-LETI, France)**  
ALD for Thin-Film Encapsulation of OLED
- 15:10-16:00      **Prof. Frank Yan (Fuzhou Univ., China)**  
Opportunity and Challenge of MicroLED Displays
- 16:00-16:10      Break

### **Session 2: Emerging Quantum Dots and Nanotechnologies**

- 16:10-17:00      **Prof. Yvan Bonnassieux (Ecole Polytechnique, France)**  
Understanding Hybrid Perovskites Solar Cells Hysteresis Effect
- 17:00-17:50      **Prof. Jin Jang/Prof. Eric Moyen (Kyung Hee Univ., Korea/France)**  
Room Temperature Synthesis of Emitting and Charge Transport  
Nanomaterials for Light Emitting Diodes
- 18:30-20:30      Banquet at Okura Act City Hotel**

## **Tuesday, December 11th (10:00~11:50)**

Place: Shizuoka University, Hamamatsu Campus, S-Port 3F Conference Hall

### **Session 3: Advanced Micro/NanoDisplays and NEMS/MEMS Devices**

10:00-10:50 **Prof. Xiaowei Sun (Southern Univ. of S&T, China)**  
QD meets Micro-LED

10:50-11:40 **Prof. Kyu-Chang Park (Kyung Hee Univ., Korea)**  
Carbon Nanotube Cold Cathode Electron Emitters for Electron  
Microscopes and Ultraviolet Lightings

### **Closing Remark**

11:40-11:50 Prof. Masayuki Nakamoto (Shizuoka University, Japan)