



ISPlasma2013

Advanced Nitride Semiconductors

We will have lectures on the most advanced technologies for nitride semiconductors such as growth techniques, nanowires, RF and power devices and integrated circuits, and will discuss the role of plasma science and nano technologies for accelerating the evolution of GaN-based electron and optical devices and integrated circuits.

Thursday, January 31, 2013, 14:30 – 18:15
Toyoda Auditorium, Nagoya University

REGISTRATION

available on
<http://www.isplasma.jp/>
This session is
a part of ISPlasma2013.

PROGRAM

Keynote & Invited Lectures (14:30 – 16:40)

- Chair:** Tetsu Kachi (Toyota Central R&D Labs., Inc., Japan)
- 14:30–15:00 **Nicolas Grandjean** (EPFL, Switzerland)
Keynote Advanced nitride semiconductors
- 15:00–15:25 **Bruno Daudin** (CEA-Grenoble, France)
Invited AlGaIn and InGaIn Nanowire heterostructures grown by plasma-assisted molecular beam epitaxy
- 15:25–15:50 **Hiroshi Fujioka** (Institute of Industrial Science, The University of Tokyo, Japan)
Invited Characteristics of GaN devices prepared by pulsed sputtering
- 15:50–16:15 **Toshihide Kikkawa** (Fujitsu Laboratories Ltd., Japan)
Invited GaN HEMT for high frequency amplifier and power conversion
- 16:15–16:40 **Kevin Jing Chen** (The Hong Kong University of Science and Technology, China)
Invited Device technology for GaN mixed-signal integrated circuits

*Program is subject to change.

Coffee Break (16:40 – 17:00)

Panel Discussion (17:00 – 18:15)

Perspective of Nitride Semiconductors - The Role of Plasma Science and Nano Technology -

- Chair:** Akio Wakejima (Nagoya Institute of Technology)
- Moderator:** Osamu Oda (Nagoya Institute of Technology)
- Panelists:** Kevin Jing Chen (The Hong Kong University of Science and Technology, China)
Bruno Daudin (CEA Grenoble, France)
Hiroshi Fujioka (Institute of Industrial Science, The University of Tokyo, Japan)
Nicolas Grandjean (EPFL, Switzerland)
Hiroyuki Kano (NU Eco Engineering Co., Ltd., Japan)
Toshihide Kikkawa (Fujitsu Laboratories Ltd., Japan)
In-Hwan Lee (Chonbuk National University, Korea)
Yasushi Nanishi (Ristumeikan University, Japan / Seoul National University, Korea)
Markus Pristovsek (University of Cambridge, UK)

CONTACT

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