

Kyutech-KETI workshop to enhance partnership: Development of novel intelligent nano materials

Date: 15 October, 2009 (Thu) 9:55 - 20:00

Venue: Kitakyushu Science and Research Park (KSRP),
Industry-Academia Cooperation Center Seminar Room L

We are carrying out research on system LSI in the Knowledge Cluster Project under the auspices of Fukuoka IST. Kyutech plays an important role in this national project and in fact many of our faculty members participate in this project aiming at developing new materials for future LSI. We know this project will be more successful once research is globalized, and in this respect we hope close cooperation with Asian countries, Korea in particular, to achieve a win-win outcome. We, the delegate of Kyutech, already visited KETI twice to exchange research. In that process we feel we can make a bigger progress by combining our technologies and those of KETI. To boost further this close cooperation and to urge you to know more about our technologies on materials, we plan a Kitakyushu workshop on materials. We cordially invite you to this workshop to see more closely what we are doing at Kyutech.

Speakers

Jung Suk Won, KETI

“Fabrication of Nanowire FET on a Flexible Substrate” &
“Study on the Piezoresistive Effects of Silicon Nanowires”

Lee Kook Nyung, KETI

“FET Characteristics of Transfer-Printed Silicon Nanowire” &
“Characterization of MEMS heater using suspended heat resistors”

Lee Min-Ho, KETI

“Quantification of CRP in post operative patients with gastric cancer with silicon nanowire arrays” & “Dual imaging and therapy using NIR gold nanoshells”

Teruhisa Ohno, Kyutech

Development of visible light responsive surface structure controlled TiO₂ photocatalysts

Shuzi Hayase, Kyutech

Tandem and hybrid dye sensitized solar cells

Shigeori Takenaka, Kyutech

Development of ferrocene-based bioensing system

30 poster presentations from Kyutech



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Kyushu Institute of Technology (Kyutech)

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