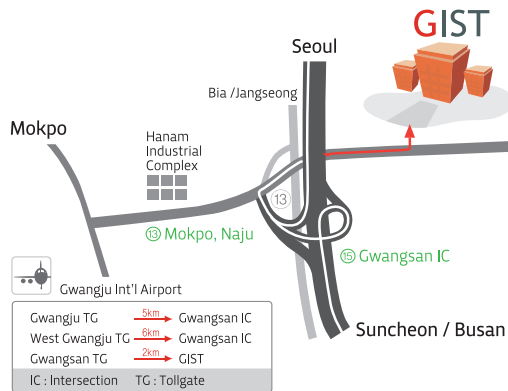


DIRECTION



TRANSPORTATION

By car

- From Seoul
(Honam express way, orange line in the above map):
Gwangsan IC–Chomdan–GIST
- From Suncheon
(Honam express way, blue line in the above map):
Gwangsan IC–Chomdan–GIST

By airplane

- To Gwangju airport
- Take a taxi to GIST.
It will take 30 minutes and cost around 8,000 Won

2009 World Class University (WCU) Inauguration Symposium at GIST

Date: 2009. 9. 18(Friday) 10:00 ~ 17:00

Place: Oryong Hall (Rm. 203),
Gwangju Institute of Science and Technology (GIST)

Support: Department of
Nanobio Materials and Electronics, GIST

Organization: Prof. Takhee Lee
Ms. Yeonhee Lim / Ms. Balguemi Choe / Ms. Suhyun Yim

Contact us

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Department of Nanobio Materials and Electronics



광주과학기술원
Gwangju Institute of Science and Technology



나노바이오재료전자공학과
Department of Nanobio Materials and Electronics

I · N · V · I · T · A · T · I · O · N

광주과학기술원 나노바이오재료전자공학과는 교육과학기술부의 세계 수준의 연구중심 대학 (WCU) 육성 프로그램의 일환으로 출범한 학과입니다. 금번 제 1회 WCU 심포지움은 국내외 참여 학자들의 연구 분야에 대하여 공유하며, 앞으로의 국제적인 공동 연구의 방향과 전망에 대해 토론하고자 합니다.

광주과학기술원 WCU 프로그램의 성공적인 출발과 나노-바이오-재료 및 전자 분야의 융합 학문 및 새로운 미래 지향적 기술 개발을 위한 연구 전략을 모색하고 전문가 의견을 수렴하기 위하여 마련한 자리오니 부디 참석하시어 자리를 빛내주시기 바랍니다.

광주과학기술원 나노바이오재료전자공학과

The Department of Nanobio Materials and Electronics (DNE) has been created as a part of the World-Class University (WCU) program initiated by the Korean Ministry of Education, Science, and Technology (MEST), which invites international scholars, who possess advanced research capacities in order to collaborate with Korean faculty members and establish new academic programs in key growth-generating fields. For the successful development of the GIST WCU program, we prepared the 2009 WCU Inauguration Symposium to inform about the research fields of the participating scholars and to discuss about the prospects of the international collaboration research.

The symposium will be a milestone for the opening of the successful era of fusion technology of NT, BT, and IT. We will be honored to invite you and to share the expertise of future NBIT technology development.

Department of Nanobio Materials and Electronics (DNE), GIST
Kurt E. Geckeler, Chair of DNE

2009 WCU Inauguration Symposium (at GIST, September 18th)

P · R · O · G · R · A · M

Time	Speaker	Title
10:00~10:25	Kurt E. Geckeler (GIST)	Opening remarks and introduction to the GIST WCU program
10:25~10:50	Luigi Pantisano (IMEC)	Advanced electrical characterization and defects in high-k materials-RERAM and sub-1 nm EOT MOSFET perspective
10:50~11:15	Byoung Hun Lee (GIST)	Extreme low power semiconductor device technology for future bionic applications
11:15~11:40	Kamal Alameh (Edith Cowan University)	Photonics-based biosensors
11:40~12:00	Hyuk Lim (GIST)	Wireless technology for bio-applications
12:00~13:30		Lunch
13:30~13:55	Charles Tu (University of California at San Diego)	Bandgap engineering in dilute nitrides
13:55~14:15	Seong-Ju Park (GIST)	Surface plasmons for high efficiency LED
14:15~14:40	Peter Victor Nickles (Max-Born Institute)	Ultra-intense laser pulses generate proton bunches with unprecedented features
14:40~15:00	Giyoong Tae (GIST)	Structure and non-fouling properties of monolayers of poly-(ethylene glycol) end-capped with fluoroalkyl groups at the aqueous interface
15:00~15:30	Jong Mo Seo (Seoul National University)	Neural prosthesis - modulation and rehabilitation
15:30~16:00		Coffee break
16:00~16:30	Heung Cho Ko (GIST)	A Hemispherical electronic eye camera based on compressible silicon optoelectronics
16:30~16:50	Sung Yang (GIST)	Recent progress on "Blood on a chip"
16:50~17:00	Kurt E. Geckeler (GIST)	Closing remarks
17:15~		Dinner

* All presentations will be given in English.