

Call for Paper

3rd International WorkShop on New Group IV Semiconductor Nanoelectronics

Nov. 8(Thu.) - 9(Fri.), 2007

<http://www.murota.riec.tohoku.ac.jp/SiGeC2007/>

Laboratory for Nanoelectronics and Spintronics
Research Institute of Electrical Communication
Tohoku University, SENDAI, JAPAN

Supported by Research Institute of Electrical
Communication, Tohoku University

The 3rd International Workshop on New Group IV Semiconductor Nanoelectronics (SiGeC Workshop 2007) will be held in Laboratory for Nanoelectronics and Spintronics, Research Institute of Electrical Communication, Tohoku University, Sendai, Japan, on November 8-9, 2007. This workshop will focus on new group IV semiconductor nanoelectronics.

SCOPE

- Theoretical and Experimental Aspects on Homo- and Heteroepitaxial growth
- Growth Mechanisms of Molecular Beam Epitaxy and Chemical Vapor Deposition
- Formation and Properties of Self-Organized/Quantum-Confined Structures
- Novel Growth Techniques
- Electronic and Crystallographic Structures of Surfaces and Interfaces
- Si-Ge and Si-Ge-C and other Group IV Materials
- Silicides/Si(Ge, C) Heterostructures
- Oxides and Nitrides/Si(Ge, C) Heterostructures
- Electronic Device Applications of Si/Ge(C) Systems
- Optical Device Applications of Si/Ge(C) Systems
- Si-Based Light Emission and Detection
- Relaxed Buffers, Compliant Substrates
- Doping in Group IV Systems
- Device Technology for Si-based group IV Systems

SUBMISSION OF ABSTRACTS

Submission Deadline : Sep. 15, 2007.

ONE ORIGINAL and TWO COPIES of a one-page camera-ready abstract with one-page figures, written in English on white bond paper (A4 size; 2.5cm margin on four sides), should be submitted to the Program Chairman at the CORRESPONDENCE address.

The abstract submission as E-MAIL-ATTACHED WORD-file or PDF-file is also available.

The abstract is recommended to be printed in Black/White. (Abstracts will be published in Black/White)

The abstract should be headed by the title, author(s), affiliation(s), address, telephone number, fax number and e-mail address, and clearly describe the originality and new contributions of the work. The title, author(s), affiliation(s), address, telephone number, fax number and e-mail address should be also sent by E-mail to

SiGeNano@riec.tohoku.ac.jp

Papers to be presented at the workshop will be selected by the Program Committee based on the submitted abstracts. The notice of acceptance will be e-mailed to the first author or corresponding author by September 20, 2007.

COMMITTEE

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REGISTRATION

The Workshop registration desk will be open for:
8:30-18:00 on Thursday, November 8,
8:30-17:00 on Friday, November 9.

Your completed registration form should be sent to Prof. J. Murota for advanced registration. Payment must be made in Japanese yen by bank transfer or credit card. If paying by bank transfer, please pay your bank commission charge and send a copy of your receipt together with the registration form. Accepted credit cards are VISA and MasterCard. Personal checks and bank checks are NOT ACCEPTABLE.

Registration Fee

Before October 15, 2007
Regular: ¥7,000, Student: ¥4,000
After October 16, 2007
Regular: ¥10,000, Student: ¥5,000

Banquet ¥3,000

Bank Transfer

(Please pay your bank commission charge.)
Account Name: SiGe(C) Workshop Junichi Murota
Account Number: 433-1462656
Bank: RESONA BANK, Sendai branch
2-4-1 Ichiban-cho, Aoba-ku, Sendai 980-0811,
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CORRESPONDENCE

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