

**CERIES**Tohoku University Electro-Related Departments
Global COE Program*Center of Education and Research for Information Electronics Systems*

The 1st Workshop on Algorithms and Systems for Super High-Speed and High-Precision Digital Signal Processing

General Chair: Masayuki Kawamata (Tohoku University)

Secretary: Shunsuke Yamaki (Tohoku University)

- Date Wednesday, 29 October 2008 13:30 - 17:00
- Venue :
6-6-05, Aoba, Aramaki, Aoba-ku, Sendai, 980-8579
Lecture Room 103, South Lecture Room Building,
Electrical, Information and Physics Engineering,
Aobayama Campus, Tohoku University
- Program (Presentation: 30 minutes, Q & A: 10 minutes)

13:30~13:40

Activities of Tohoku University Global COE Program
"Center of Education and Research for Information Electronics Systems"
Masayuki Kawamata (Tohoku University)

Chair: Shunsuke Koshita (Tohoku University)**13:40~14:20**

"Digital Restoration for High Definition Movies"
Masahide Abe, Tohoku University

14:20~15:00

"High-speed Interface Using Signal Processing and Communication Techniques"
Yasushi Yuminaka, Gunma University

15:00~15:10**Break**Chair: Yoshitaka Tsunekawa (Iwate University)**15:10~15:50**

"Digital Signal Processing in Multiplex Wireless Transmission"
Kazunori Inogai, Panasonic Corporation

15:50~16:30

"Multilevel Parametric-base F0 Model for Speech Synthesis"
Masami Akamine, Toshiba Research and Development Center

16:30~

Discussions
Masayuki Kawamata (Tohoku University)

18:00~20:00**Banquet**