

Schedule of 2008 University Student Exchange Program

Day 1: March 11, 2008

AM

8:00-8:15 OPENING SESSION

Welcome Address from Xi'an University of Technology

Message from University of Fukui

Session 1

Coordinator: Prof. Mori

8:15-8:45 **Generating Hyper-chaos in Nonlinear Circuits and Its Application in One Way Hash Function**

By Haipeng Ren

Faculty of Automation and Information Engineering

8:45-9:00 **Large-Scale Volume Rendering on the Interactive Simulation System,**

By Takuya Asano and Shin-ichiro Mori

Department of Information Science, Graduate School of Engineering, University of Fukui

9:00-9:15 **Experiment Measurement and Error Control of Wireless Laser Communication**

By Ke Xizheng, Zhao li, Yin Zhiyun, Wang Xianpeng, Liu jian

Automation & Information School of Xi'an University of Technology

9:15-9:30 **Sharing Flexibly Resizable Multidimensional Arrays**

By Bei Li, Tatsuo Tsuji, Ken Higuchi

Graduate School of Engineering, University of Fukui

9:30-9:45 **Design and Implementation of RFID Data Collection Middleware**

By Liu Hongying, Li Junhuai, DengHaisheng

Computer Science & Engineering School, Xi'an University of Technology

9:45-10:00 **Effect of Inlying Window Shapes of Broadband Planar Loop Antennas on Bandwidth Characteristics**

By Tasuku ENDO, Toshikazu HORI and Mitoshi FUJIMOTO

Graduate School of Engineering, University of Fukui

10:00-10:15 **Short Break**

Session 2

Coordinator: Prof. Wang Lei

10:15-10:45 **Introduction to the Department of Information Science, University of Fukui**

By Hosoda
University of Fukui

- 10:45-11:00 **A Method for 3D Shape Reconstruction from Multiple Microscope Images Using Rotating Mirror Head**
By Hiroki Ojima, Yousuke Oota, Shogo Tokai, Hiroyuki Hase
Dept. Information Science, University of Fukui
- 11:00-11:15 **Bandwidth Characteristics and Downsizing Limitations of Card Antennas**
By Tomomi FUJIOKA Toshikazu HORI and Mitoshi FUJIMOTO
Graduate School of Engineering, University of Fukui
- 11:15-11:30 **Model Reference Fuzzy Adaptive Control for Chaotic System**
By Yan Xiao-mei, Liu Ding
Faculty of Automation and Information Engineering, Xi'an University of Technology
- 11:30-11:45 **Interactive Fluid Simulation and Its Remote Steering Framework with Visual and Haptic Feedback.**
By Kensuke HASHIMOTO*, Shin-ichiro MORI, Akinori YAMAGUCHI
Makoto KOMATSUBARA and Shinji TOMITA
University of Fukui
- 11:45-12:00 **Integrating Curvelet Transform and Subspace Method For Face Recognition**
By Jiulong ZHANG
Faculty of Computer Science and Engineering, Xi'an University of Technology

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Session 3

Coordinator: Associate Prof. Hosoda

- 14:00-14:30 **High Performance Computer System Lab**
By Shin-ichiro Mori,
University of Fukui
- 14:30-14:45 **Parallel Volume Rendering for Unstructured Grid Volume Data On a PC Cluster of Multi-core Processor**
By Masayuki Hirota and Shin-ichiro Mori
Department of Information Science, University of Fukui
- 14:45-15:00 **Research on a Novel Structure of SiGeC/Si Heterojunction Power Diodes**
By Liu Jing, Gao Yong
Department of Electronic Engineering, Xi'an University of Technology
- 15:00-15:15 **Thinning of Dipole Antenna with Parasitic Elements and Reflector**
By Takayuki ISHIDA, Mitoshi FUJIMOTO, and Toshikazu HORI
Graduate School of Engineering, University of Fukui
- 15:15-15:30 **Critical Path Inventory Policy for A Kind of Stochastic EOQ Model**
By Fei Rong
Faculty of Computer Science and Engineering, Xi'an University of Technology
- 15:30-15:45 **Novel Technique for Detection of Fading-in/out Text Regions from MPEG-B it**

streams Based on a Markov Model
By Takaaki KASHIO
Dept. of Information Science, University of Fukui

15:45-16:00 **Short Break**

Session 4

Coordinator: Prof. Liu Han

- 16:00-16:30 **The Introduction to Faculty of Computer Science and Engineering**
By Wang Lei
Faculty of Computer Science and Engineering , Xi'an University of Technology
- 16:30-16:45 **A block Gram-Schmidt QR factorization with a daptive pivoting strategy for least squares problems**
By Kozo Nagata, Yohsuke Hosoda, Takemitsu Hasegawa,
University of Fukui
- 16:45-17:00 **A Mechanism for Anonymous Network**
By Kauzya KOURO, Shinsuke TAMURA, Hiroya TSURUGI and Tatusro YANASE
Graduate School of Engineering, University of Fukui
- 17:00-17:15 **Object Consecutive Tracking in Multiple Cameras with Overlapped Views**
By Deng Ying-na, Zhu Hong, Li Lu, Li Gang
Automation and Information Engineering, Xi'an University of Technology
- 17:15-17:30 **An Automatic Tuning System for Computing the Cholesky Factorization**
By Yoshiyasu Miyagawa, Yohsuke Hosoda, Takemitsu Hasegawa
University of Fukui
- 17:30-17:45 **3 dimensional Implementation of Path Planning Algorithm for Manipulators**
By Tomonari Murata, Shinsuke Tamura, Tatsuro Yanase, Md. Nazrul Islam and Kosuke Tsuciya
Graduate School of Engineering, University of Fukui
- 17:45-18:00 **A New Fault Diagnosis Method for the Control System of Inverter Based on Expert System**
By Zhang Xiao-bin, Zhong Yan-ru
Dept. Electrical Engineering, Xi'an University of Technology

Day 2: March 12, 2008

AM

Session 5

Coordinator: Ph.D Zhang Jiulong

8:00-8:15 Novel Load-balancing Method of Cache Server for Context-aware Services

By Keiichi Sato, Kenzo Takahashi, Mikio Mori

University of Fukui

**8:15-8:30 A Method of Illumination Compensation for Human Face Image Based
On Quotient Image**

By NING Xiao-juan

Faculty of Computer Science and Engineering , Xi'an University of Technology

8:30-8:45 Accuracy Improvement of Multi-font Character Recognition

By Kouhei Tanabe, Hiroyuki Hase, Shogo Tokai

Graduate School of Engineering, University of Fukui

8:45-9:00 Growth of SiC Single Crystal

By Liang Peng, Lin Sheng-huang, Jiang Dong

Dept. Electronics Engineering, Xi'an University of Technology

9:00-9:15 On the Precision of 3D Measurement by Stereo PAL Images

By Yuichi Watanabe, Hiroyuki Hase, Syogo Tokai

Graduate School of Engineering, University of Fukui

9:15-9:30 A VQ Algorithm Based on Novel Codebook and VLSI Architecture

By WANG Dong-fang, LIAO Yu-min, YU Ning-mei

Dept. Electronics Engineering, Xi'an University of Technology