

Program

March 8(Mon)

Session I

Prof. Shinsuke Tamura

10:00 Welcome:

Prof. Shin-ichiro Mori
Chair of the Department of Information Science,
Graduate School of Engineering, University of Fukui

10:10 Congratulation:

Prof Wang Yinghui (Represent)
Prof. Liu Kai
Vice-president (International and Students Affairs)
Xi'an University of Technology

10:20 (Invited Talk)

A Proposal of a Planning Method for Environmental Improvement with Maintaining Autonomy in Urban Villages – A Case Study of Caochangpo Village in Xi'an City of China –

Hongyan Yi* and Shinji Nojima**

*Xi'an International Studies University,

**Dept. of Architecture and Civil Engineering, University of Fukui

10:50

A SCHEME FOR ANONYMOUS VOTING

Kazi Md. Rokibul Alam¹, Shinsuke Tamura¹, Shuji Taniguchi and Tatsuro Yanase
Graduate School of Engineering, University of Fukui

11:05

A MECHANISM FOR ENHANCED SYMMETRIC KEY ENCRYPTION BASED MIXNET

Hazim Anas Haddad, Shinsuke Tamura, Shuji Taniguchi and Tatsuro Yanase
Graduate School of Engineering, University of Fukui

11:20 Short Break and Moving

11:30 **Courtesy Visit to the Dean of the Graduate School of Engineering**

LUNCH

Session II

Prof. Ken Higuchi

13:00

A FLEXIBLE SOFTWARE FRAMEWORK

Lan Shang, Yinghui Wang
Department of Computer Science and Engineering Xi'an University of Technology

13:15

STUDY OF HOT-SPOT FOR HIBERNATE-BASED DATA ACCESS FRAMEWORK

YaLei Chen
Xi'an University of Technology

13:30

A NEW LABELING SCHEME FOR DYNAMIC XML TREES

Bei LI, Katsuya KAWAGUTI, Tatsuo TSUJI and Ken HIGUCHI
Graduate School of Engineering, University of Fukui

13:45

A SCHEME OF AGGREGATING TUPLE STREAM DATA

Tepei Shimada, Hideo Sasahara, Tatsuo Tsuji, Ken Higuchi
Graduate School of Engineering, University of Fukui

14:00 Short Break

Session III

Prof. Ken-ichi Iwata

14:10

Configuration of Cosine Type Digital Hearing Aid Easily Handled over Warped Frequency Axis in Fitting Process

Mitsuhiro OGIHARA, Kenzo TAKAHASHI, Shuji TANIGUCHI, Mikio MORI
Department of Information Science, Faculty of Engineering, University of Fukui

14:25

THE REAL-CODED GENETIC ALGORITHM WITH COMBINING MUTATION

Lu xingchao, Wang Zhurong, Yu Wei
Xi'an University of Technology, College of Computer and Engineering

14:40

Source.Channel Separation Principle under the Maximum Distortion Criterion for General Cases
Nobu Mori, and Ken-ichi Iwata

Department of Information Science, University of Fukui

14:55 (Introduction of Newly Coming Professor)

Lecture on Quantum Computation

Prof. Tomoyuki Yamakami

15:15

Coffee Break with Snack and Drink

Lab. Visit Tour

15:45~17:30

Wireless Network Lab. (T.Hori and M.Fujimoto)

Database System Lab. (T.Tsuji and K.Higuchi)

High Performance Computing Lab. (T.Hasegawa, Y.Hosoda, and Y.Sato)

Software System Lab. (S.Tamura, S.Taniguchi, and T.Yanase)

March 9(Tue)

Session IV

Prof. Hiromitsu Ando
Chair of Dept. of Mechanical Engineering

10:00

STUDY ON THE GEAR VIBRATION UNDER FRICTION AND TIME-VARYING MESH STIFFNESS

Yi-duo WEI and Kai LIU

School of Mechanical and Precision Instrument Engineering ,Xi'an University of Technology

10:15

DYNAMIC CHARACTERISTICS OF THE TEST RIG FOR THE WIND INCREASING GEARBOX

Ma Chao-feng Cui Ya-hui Liu Kai Liu Xiaolin

School of Mechanical & Precision Instrument Engineering, Xi'An University of Technology

10:30

SHAKEDOWN ANALYSIS ON THERMAL BARRIER COATING

Y.Yuan, Liu Kai

School of Mechanical Instrumental Engineering, Xi'an University Technology

10:45

RESEARCH ON CLAMPING FORCE AND CONTROL OF BELT/CHAIN TYPE CVT

Wu ZHANG, Haiyuan ZHANG, Kai LIU, Chunguo ZHOU, Baofeng ZHANG

Faculty of Mechanical and Precision Instrument Engineering, Xi'an university of Technology

11:00 Short Break

Session V

Prof. Ma Chao-feng

11:15

3 DIMENSIONAL IMPLEMENTATION OF BFA FOR MANIPULATORS

Tomonari MURATA, Shinsuke TAMURA and Masayuki KAWAI

Graduate School of Engineering, University of Fukui

11:30

MUTUAL COUPLING REDUCTION EFFECTS OF EBG STRUCTURE LOCATED ON CYLINDER SURFACE

Yuki KAWAKAMI, Toshikazu HORI, and Mitoshi FUJIMOTO

Graduate School of Engineering, University of Fukui

11:45

Low-Profile Design of Loop-Slot Artificial Magnetic Conductor

Xiaojiao Tang, Yuki KAWAKAMI, Toshikazu HORI, and Mitoshi FUJIMOTO

Graduate School of Engineering, University of Fukui

12:00

LUNCH

Session VI

Prof. Shogo Tokai

13:00

Fast Motion Estimation Based on Local Motion Similarity

Liu Long

Xi'an University of Technology

13:15

ON THE SOLUTION AMBIGUITY OF HOMOGRAPHY DECOMPOSITION METHOD FOR 3D MOTION PARAMETER ESTIMATION

He LIU, Hiroyuki HASE, Shogo TOKAI

Faculty of Engineering, University of Fukui

13:30

The Local Information Based Method of 3D Facial Expression Simulation with Point Clouds

Mei XUE, Shogo TOKAI, Hiroyuki HASE

Faculty of Engineering, University of Fukui

13:45

PHYSICAL MOTION ANALYSIS SYSTEM IN DRIVING USING IMAGE PROCESSING

Masanori Hanai, Ryosuke Sato, Shinji Fukuma, Shin-ichiro Mori

Faculty of Engineering, University of Fukui

14:00 Short Break

Session VII

Prof. Liu Long

14:15

The Multicore In The Next Era

Xiong Yao

Computer Science, Xi'an University of Technology

14:30

Simulation Caching for Interactive Remote Steering Framework

Shunsaku TEZUKA*, Kensuke HASHIMOTO*, Shinji FUKUMA*,
Shin-ichiro MORI* and Shinji TOMITA**

*Department of Information Science, University of Fukui, *Kyoto University,

14:45

A system on the Web for octuple-precision computation

Kohtaro Hirai, Takemitsu Hasegawa, Yohsuke Hosoda, Yuuichi Itaya

Department Of Information Science, University of Fukui

15:00

A Smart Golf Course Management System

JU Yi

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

15:15~15:45

Coffee Break with Snack and Drink

Lab. Visit Tour

15:45~17:30

Quantum Dynamics and Voice Lab. (N.Yamada and M.Mori)

Computer System Lab. (S.Mori and S.Fukuma)

Information Theory Lab. (K.Iwata)

Image Processing Lab. (T.Yoshida and Y.Nakano)

Computer Vision Lab. (H.Hase and S.Tokai)

18:00~

Social Event at Academy Hall

March 10(Wed)

Social Event : Excursion to “Tojinbo” 「東尋坊」

Bus will leave at 9:30 from the Hotel toward “Tojinbo” , one of the most scenic beauty in Japan. Take a sightseeing walk for roughly one hour around the cape. You may walk down to the sea level if you wish! But don't forget that you have to climb up to the top of the cape!! Bus will leave 11:30 toward a restaurant near the university. Farewell Lunch will be served by the courtesy of International and Students Affairs section of the University of Fukui.



Tojinbo is coastal area with spectacular scenery, most well known for its soaring cliff face. The harsh vertical rocks forming the cliff seem to be the result of a clash of strength between the sea god and the mountain god. Geologists deduce a volcano erupted about 1 million years ago and flowing magma formed pentagonal and hexagonal shaped pillar like crevices. The continually pounding waves of the Sea of Japan then carved the rock surface and, over time, produced cliffs towering as high as 25m. This astonishing scenery that continues for about 1km is geographically extremely valuable and has been designated as a National Scenic area and Monument. Tojinbo was named after a priest from Hiraizumi temple in Okuetsu, Fukui pref., who is said to have done many evil deeds throughout his life and, after a small dispute with another man, was thrown to his death from the cliff. When fierce winds and ferocious waves crash against the cliff, the soul of Tojinbo may also be heard howling.

14:30

Farewell

Bus leaves to Osaka

Acknowledgements: Thanks to the Graduate School of Engineering for their support for the traveling expense inside Japan.