

JAIST

FORUM 2008

21世紀COEプログラム
「検証進化可能電子社会」

21st Century COE Program "Verifiable and Evolvable e-Society"

2008年11月25日(火)

DATE : Nov. 25 (Tue) , 2008

石川ハイテク交流センター (JAIST隣接, 石川県能美市旭台2-1)

PLACE : Ishikawa High-Tech Exchange Center (Next to JAIST)

使用言語 : 英語および日本語

Language : English and Japanese

参加無料

Entrance fee : Free

第1部

SESSION 1

法令工学

Legal Engineering

第2部

SESSION 2

電子社会のための検証方式

Verification on Social/Organizational Issues

第3部

SESSION 3

電子社会の安心基盤技術

e-Society Infrastructure

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お問い合わせ
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プログラム Program

9:00 Opening Remarks
Takuya Katayama (President, JAIST)

SESSION 1 <Legal Engineering>

9:10-9:50 (Invited Talk)
Leon J. Osterweil (University of Massachusetts Amherst)
Applying Process Technology to the Specification and Analysis of Laws

9:50-10:20 **Satoshi Tojo** (JAIST)
Verification of legal Knowledge in Extended Logic Programming

10:20-10:50 **Akira Shimazu** (JAIST)
Language Processing of Legal Documents

10:50-11:00 Short Break

11:00-11:40 (Invited Talk)
Katsumi Nitta (Tokyo Institute of Technology)
Modelling Reasoning Process of Lawyers

11:40-12:10 **Koichiro Ochimizu** (JAIST)
Realization of the software accountability function and the evolution mechanism of Law-enforced Information Systems

12:10-13:10 Lunch

SESSION 2 <Verification on Social/Organizational Issues>

13:10-13:50 (Invited Talk)
Dines Bjørner (Technical University of Denmark, Technical University of Graz, Austria)
The Role of Domain Engineering in Software Development - or why current ideas of Requirements Engineering are all wrong !

13:50-14:20 **Kokichi Futatsugi** (JAIST)
Formal Domain Descriptions with OTS/CafeOBJ

14:20-14:50 **Kunihiko Hiraishi** (JAIST)
Theory of Hybrid Systems and Its Application to Performance Verification of Information Systems

14:50-15:20 **Mizuhito Ogawa** (JAIST)
Pushdown model checking: its implementations and applications

15:20-15:50 Coffee Break

SESSION 3 <e-Society Infrastructure>

15:50-16:30 (Invited Talk)
Richard D. Schlichting (AT&T Labs-Research)
Search for the Holy Grail: Are SOAs the Answer?

16:30-17:00 **Atsuko Miyaji** (JAIST)
Key Evolution Encryption to Achieve Intrusion Resilience

17:00-17:30 **Yoichi Shinoda** (JAIST)
StarBED2 Project
- A Practical Approach to Dependable Ubiquitous Networks -

17:30 Closing Remarks
Yusuke Kawakami (Vice President, JAIST)