

KICSS2008 Program

December 22, 2008

8:00-8:40 Registration

8:40-9:00 Opening

9:00-10:30 Session 1 (Chair: Cam Ha Ho)

9:00-9:20 Privacy Preserving for Multivariate Outlier Detection

The Dung Luong, Tu Bao Ho

9:20-9:40 The non-ruin probabilities under excess of loss reinsurance

Le Dinh Son

9:40-10:00 Fuzzy System as a Function Approximator for Long-Range Weather Time Series Forecasting

Thi Nguyen, Jim Peterson, Lee Gordon-Brown, Peter Wheeler

10:00-10:15 [Short paper] Evaluation of Knowledge Learning with Different Visiting Strategies Based on Complex Networks

Jing Liang, Jiangning Wu, Zhaoguo Xuan

10:15-10:30 [Short paper] Human Face Detection and Tracking

Xuan Le Ha, Son Dao

10:30-11:00 Coffee break

11:00-12:00 Session 2 (Chair: Taizo Miyachi)

11:00-11:20 Ontology-Supported Curriculum Evolution in the Space of Change

–Using Conceptualization and Systematization of Evolution Process

Wenhuan Lu, Mitsuru Ikeda, Koichiro Ochimizu, Shinataro Kitayama

11:20-11:40 Support Methodology for Building Ontologies Based on the Externalization of Stakeholder's Viewpoints: A Case Study of a Clinical Pathway Ontology

Taisuke Ogawa, Tomoyoshi Yamazaki, Mitsuru Ikeda, Kenji Araki, Muneou Suzuki, Koiti Hashida

11:40-12:00 Development of Generic Drug Tablet Production Expert System

Nopphadol Chalortham, Phuriwat Leesawat, Thepchai Supnithi

12:00-13:30 Lunch

13:30-14:30 Invited Talk 1 (Chair: Tu Bao Ho)

Named Entity-Centred Information Processing

Associate Prof. Cao Hoang Tru, from Univ. of Technology of Ho Chi Minh City, Vietnam

14:30-14:45 Coffee break

14:45-15:45 Invited Talk 2 (Chair: Tu Bao Ho)

Semantic Data Mining for Creative Knowledge Discovery

Prof. Nada Lavrač, Head of the Department of Knowledge Technologies, Jožef Stefan Institute and University of Nova Gorica, Slovenia

15:45-16:00 Coffee break

16:00-17:40 Section 3 (Chair: Thepchai Supnithi)

16:00-16:20 Proximity-Based Semantic Relatedness Measurement on Thai Wikipedia

Wittawat Jitkrittum, Thanaruk Theeramunkong, Choochart Haruechaiyasak

16:20-16:40 Pattern-based Named Entity Extraction for Thai News Documents

Nattapong Tongtep, Thanaruk Theeramunkong

16:40-17:00 Discovering Semantic Relations from Thai News Documents

Nattapong Tongtep, Thanaruk Theeramunkong

17:00-17:20 A Corpus-based Approach for Automatic Thai Unknown Word Recognition using Group-based Evaluation by Ranking

Jakkrit TeCho, Cholwich Natte, Thanaruk Theeramunkong

17:20:17:40 Two-Phase Candidate Generation for Thai Word Segmentation using GLR Parsing Technique

Piya Limcharoen, Cholwich Nattee, Thanaruk Theeramunkong

18:00-20:00 Banquet

December 23, 2008

8:00-8:40 Registration

8:40-10:00 Session 4 (Chair: Yoshino Takashi)

8:40-9:00 Mining Translation pairs for Thai-English Medical Terms

Kobkrit Viriyayudhakorn, Thanaruk Theeramunkong, Cholwich Nattee

- 9:00-9:20 Creativity Support System for Mining Herbal Information
Verayuth Lertnattee, Kergrit Robkop, Virach Sornlertlamvanich
- 9:20-9:40 A computational method for classifying and analyzing tumor samples using microRNA expression profiles
Dang Hung Tran, Tu Bao Ho, Kenji Satou, Tho Hoan Pham
- 9:00-10:00 Semantics and Aggregation of Linguistic Information Based on Hedge Algebras
Van Hung Le, Cat Ho Nguyen, Fei Liu
- 10:00-10:20 Coffee break

10:20-11:55 Session 5 (Chair: Kazushi Nishimoto)

- 10:20-10:40 A Visualization Technique for Linked Transition of Exchange Rate Between Three Currencies
Yu Suzuki, Kazuo Misue, Jiro Tanaka
- 10:40-11:00 AwarePath: Route Thumbnail for Selecting Off-Screen Destinations on Mobile Map
Motoki Miura, Hiroyuki Oouchi, Susumu Kunifuji
- 11:00-11:15 [Short paper] Reorganizing Topic Transitions in Design Process Records
Katsuaki Tanaka, Mina Akaishi, Koichi Hori
- 11:15-11:35 Lounge Activity in Higher Education -Learning from Each Other
Rintarou Nomura, Naoshi Nagano, Toshiko Asai, Akinori Minazuki, Hidehiko Hayashi
- 11:35-11:55 Offshore Software Development: A Knowledge Management Perspective
NGUYEN Thu Huong, Katsuhiko Umemoto, Hieu Chi Dam

11:55-13:10 Lunch

13:10-14:45 Session 6 (Chair: Kazuo Misue)

- 13:10-13:30 BrainResketching: A Collaborative Method for Creating Design Concepts
Kazushi Nishimoto, Daisuke Ichikawa
- 13:30-13:50 Effects of Different Idea Layout Methods on Idea Generation in Distributed Brainstorming Environment
Tessai Hayama, Susumu Kunifuji
- 13:50-14:10 PaneLive: Non-native Language User Support System at Face-to-face Discussion Using Common Language
Takashi Yoshino, Taku Fukushima, Chigusa Kita
- 14:10-14:30 Divergent Thinking Supporting Groupware by Using Collective Intelligence
Takahiko Kawaji and Susumu Kunifuji

14:30-14:45 [Short paper] Proposal of a Creativity Support System Using Direct Manipulation on a Tabletop Interface
Makoto Ohashi, Junko Itou, Ryuki Sakamoto, Jun Munemori

14:45-15:00 Coffee break

15:00-16:00 Session 7 (Chair: Jun Munemori)

15:00-15:20 A Kitchen Worktop Interface for Cooking Navigation Systems
Kenzaburo Miyawaki, Mutsuo Sano

15:20-15:40 Location and Motion Sensor System in Group Home
Lim Roth, Sadanori Ito, Motoki Miura, Susumu Kunifuji

15:40-16:00 A parallel weaving of knowledge by quiet directional voice signage
Taizo Miyachi, Shosuke Watanabe, Hayato Takubo

16:15-17:15 Invited Talk 3 (Chair: Susumu Kunifuji)

Analysis of Effect and Mechanism of “Group Idea-Marathon System” with the Addendum of Creativity Proposal for Vietnam

Prof. Takeo Higuchi, Electro-Communications University and Mie University, Japan.

17:15-18:15 Invited Talk 4 (Chair: Thanaruk Theeramunkong)

Fast Behavioral Learning Model for Functional Approximation and Pattern Recognition

Prof. Chidchanok Lursinsap, Chulalongkorn University, Thailand.

18:15-18:35 Closing