The First WICI International Workshop on

Web Intelligence (WI) meets Brain Informatics (BI)

WImBI 2006 Program

Dec 15-16, 2006

Beijing, China

***** **WImBI 2006 Program** *****

The First WICI International Workshop on
Web Intelligence (WI) meets Brain Informatics (BI)
Dec 15-16, 2006, Beijing, China.

Dec. 15, 2006

Time	Sessions	Address
08:30-08:50	Opening Ceremony	Best Western Hotel
08:50-09:50	Keynote Talk 1: Neuroscience: New Insights for AI by Professor Tomaso Poggio (MIT, USA)	
09:50-10:10	Coffee Break	
10:10-12:00	Invited Talk Session 1	
12:00-13:00	Workshop Lunch	
13:00-14:30	Invited Talk Session 2	
14:30-14:45	Coffee Break	
14:45-17:00	Invited Talk Session 3	
17:00-20:00	Banquet (Sponsored by China State Administration of Foreign Experts Affairs)	Foreign Experts Building Beijing

Dec. 16, 2006

Time	Sessions	Address
8:30-9:30	Keynote Talk Network Thinking and Network Intelligence by Professor Deyi Li (NSF, China)	Best Western Hotel
9:30-9:50	Coffee Break	
9:50-12:00	Invited Talk Session 4	
12:00-13:00	Workshop Lunch	
14:00-16:00	"WI meets BI": The WICI Perspectives	Science Building Beijing University of Technology
16:00-16:30	Opening Ceremony for the Brain Informatics Lab	
16:30-17:30	WICI Demo and Poster Session	
17:30-18:30	Reception	
18:30-21:00	Social Program: The Legend of Kungfu	The Red Theatre

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<p align="center">http://wi-consortium.org/wimbi06/WImBI2006.htm</p>

Dec. 15 (the workshop site: Best Western Beijing)

8:30 Opening Ceremony (Chair: Jiming Liu)
Welcome Speech: Zhenyang Lu (Organizing Chair, Vice President of BJUT)
Program Introduction: Ning Zhong

8:50-9:50 Keynote Talk 1 (Chair: T.Y. Lin)
Neuroscience: New Insights for AI
by Professor Tomaso Poggio (MIT, USA)

9:50-10:10 Coffee Break

10:10-12:00 Invited Talk Session 1 (Chair: Yiyu Yao)

Web Intelligence meets Brain Informatics at the Language Barrier: a Procrustean Bed
(Nick Cercone, York University, Canada)

Conversational Informatics where Web Intelligence meets Brain Informatics
(Toyoaki Nishida, Kyoto University, Japan)

Intelligence for Upgrading Information
(Setsuo Ohsuga, University of Tokyo, Japan)

Human Thoughts in Web and Combinatorial Topology
(T.Y. Lin, San Jose State University, USA)

Toward Perception Based Computing: A Rough-Granular Perspective
(Andrzej Skowron, Warsaw University, Poland)

`Granular Neural Networks and Human Brains for Pattern Recognition`
(Yanqing Zhang, Georgia State University, USA)

12:00-13:00 Workshop Lunch (Best Western Beijing)

13:00-14:30 Invited Talk Session 2 (Chair: Jinglong Wu)

ACT-R meets fMRI
(Yulin Qin, Daniel Bothell, John Anderson, Carnegie Mellon University, USA)

Cognitive Architectures and the Challenge of Cognitive Social Simulation
(Ron Sun, Rensselaer Polytechnic Institute, USA)

Cognitive, Social, and Robotic Prostheses:
New Approaches for Augmenting Human Capabilities
(Jeffrey Bradshaw, Florida Institute for Human and Machine Cognition, USA)

Proteomics Odyssey of Synaptogenesis in the CNS:
A Discovery of Drebrin and Spikar
(Tomoaki Shirao, Gunma University, Japan)

A Possible Role of Signal Propagation via the Hippocampal CA2
Region in Memory Formation
(Yuko Sekino, University of Tokyo, Japan)

14:30-14:45 Coffee Break

14:45-16:50 Invited Talk Session 3 (Chair: Shusaku Tsumoto)

Supervised Web Document Classification using Discrete Transforms,
Active Hypercontours and Expert Knowledge
(Piotr S. Szczepaniak, Arkadiusz Tomczyk, Michal Pryczek,
Technical University of Lodz, Poland)

Fuzzy Web Surfer Models: Theory and Experiments
(Narayan Bhamidipati and Sankar Kumar Pal,
Indian Statistical Institute, India)

Comprehensible Display for Search Engines toward Fast Detection of
Peculiar WWW Pages
(Einoshin Suzuki, Shin Ando, Masayuki Hirose, Masatoshi Jumi,
Kyushu University, Japan)

A Mobile Web Content Adaptation System with Personalization
(Eunshil Lee, Jinbeom Kang, Kyung-Goo Doh, Joongmin Choi,
Hanyang University, Korea)

e-Business Intelligence via Multiple Criteria Mathematical
Programming-based Data Mining Methods
(Yong Shi, University of Nebraska at Omaha, USA)

Intelligence Metasynthesis in Building Business Intelligence Systems
(Longbing Cao, Chengqi Zhang, Dan Luo, Ruwei Dai, Eng Chew, University of Technology, Sydney, Australia)

WIC-Australia Research Centre: Research Directions
(Lakhmi Jain, University of South Australia, Australia)

17:00-20:00 Banquet
(Sponsored by China State Administration of Foreign Experts Affairs)

Dec. 16 morning *(the workshop site: Best Western Beijing)*

8:30-9:30 Keynote Talk (Chair: Ben Wah)
Network Thinking and Network Intelligence
by Professor Deyi Li (NSF, China)

9:30-9:50 Coffee Break

9:50-12:00 Invited Talk Session 4 (Chair: Nick Cercone)

A Digital Library System for Biological Information on the Web
(Xindong Wu, University of Vermont, USA)

GridMiner: An Advanced Knowledge Discovery Infrastructure for Life Sciences
(Peter Brezany, Ivan Janciak, and A Min Tjoa, University of Vienna, Austria)

Risk Mining: Extraction of Risk Information from Hospital Information System
(Shusaku Tsumoto, Shimane University, Japan)

An Ontology-based Mining System for Competitive Intelligence in Neuroscience
(Jiao Li, Minlie Huang, and Xiaoyan Zhu, Tsinghua University, China)

A Semantically Enabled Service Oriented Architecture
(Darko Anicic, Michael Brodie, Jos de Bruijn, Dieter Fensel,
Thomas Haselwanter, Martin Hepp, Stijn Heymans, Jorg Hoffmann,
Mick Kerrigan, Jacek Kopecky, Reto Krummenacher, Holger Lausen,
Adrian Mocan, James Scicluna, Ioan Toma, and Michal Zaremba,
University of Innsbruck, Austria)

Structured Schema Extraction for Ontology Learning
(Narayanan Kulathuramaiyer, University Malaysia Sarawak, Malaysia)

Ontology Based Web Data Mining for Information Gathering
(Yuefeng Li, Queensland University of Technology, Australia)

12:00-13:00 Workshop Lunch (Best Western Beijing)

Dec. 16 afternoon (Visiting the International WIC Institute/BJUT):

14:00-16:00 "WI meets BI": WICI Perspectives
(Ning Zhong, Jiming Liu, Yiyu Yao, Jinglong Wu, Shengfu Lu)

- Web Intelligence Research from Brain Informatics Perspective (N. Zhong)
- The Autonomy-Oriented Computing (AOC) Route to Brain Informatics (J.M. Liu)
- Relevance of Granular Computing (GrC) for Brain Informatics (Y.Y. Yao)
- Human Lower Function and Higher Function (J.L. Wu)

16:00-16:30 Opening Ceremony for the Brain Informatics Lab
(jointly set up by the WICI/BJUT and Xuanwu Hospital/CUMS)

16:30-17:30 WICI Demo and Poster Session

- Automated Techniques for Email-Mediated Applications (with demo)
- An Ontology-based QA System (with demo)
- Time Course of Human Inductive Reasoning Process (with demo)
- AOC-Based Modeling for HIV Dynamic
- AOC for Social Network
- Mechanism and Applications of Stability-based Supervised Learning
- A Framework of Problem Solver Markup Language (PSML)
- A Research Retrieval Support System
- A Unified Framework of Targeted Marketing Using Customer Preference
- Human Computation Process: An ERP Study (with demo)
- Web Farming (with demo)
- Integrating WI Technologies for Developing Enterprise Portals (with demo)
- Data Mining Techniques for Intelligent e-Government
- Peculiarity Oriented Data Mining
- OWL-S Semantic Web Service Discovery
- ICS: An Interactive Classification System (with demo)

17:30-18:30 Reception

18:30-21:00 Social Program: The Legend of Kungfu
(The most exciting kungfu show in the world)