

Table of Contents

LENLS

Logic and Engineering of Natural Language Semantics (LENLS) 7	1
<i>Eric McCready</i>	
SDRT and Continuation Semantics	3
<i>Nicholas Asher and Sylvain Pogodalla</i>	
Combinatory Categorical Grammar as a Substructural Logic: Preliminary Remarks	16
<i>Daisuke Bekki</i>	
Interpreting Japanese Dependency Structure	30
<i>Alastair Butler and Kei Yoshimoto</i>	
Vagueness, Signaling and Bounded Rationality	45
<i>Michael Franke, Gerhard Jäger, and Robert van Rooij</i>	
Binding of Relational Nouns and the Variable-Free Semantics	60
<i>Hiroaki Nakamura</i>	
Prolegomena to Salient-Similarity-Based Vague Predicate Logic	75
<i>Satoru Suzuki</i>	
Yablo-Like Paradoxes and Co-induction	90
<i>Shunsuke Yatabe</i>	
Factives and Intensionality	104
<i>Richard Zuber</i>	

JURISIN

The Fourth International Workshop on Juris-Informatics	115
<i>Satoshi Tojo</i>	
Improving Mediation Processes with Avoiding Parties	117
<i>Davide Carneiro, Paulo Novais, Francisco Andrade, and José Neves</i>	
Legal Modelling and Reasoning Using Institutions	129
<i>Marina De Vos, Julian Padget, and Ken Satoh</i>	
Design and Compilation of Syntactically Tagged Corpus of Japanese Statutory Sentences	141
<i>Yasuhiro Ogawa, Masayuki Yamada, Ryuta Kato, and Katsuhiko Toyama</i>	

PROLEG: An Implementation of the Presupposed Ultimate Fact Theory of Japanese Civil Code by PROLOG Technology	153
<i>Ken Satoh, Kento Asai, Takamune Kogawa, Masahiro Kubota, Megumi Nakamura, Yoshiaki Nishigai, Kei Shirakawa, and Chiaki Takano</i>	

AMBN

First International Workshop on Advanced Methodologies for Bayesian Networks	165
<i>Maomi Ueno and Takashi Isozaki</i>	
Relax, Compensate and Then Recover	167
<i>Arthur Choi and Adnan Darwiche</i>	
Discovering Unconfounded Causal Relationships Using Linear Non-Gaussian Models	181
<i>Doris Entner and Patrik O. Hoyer</i>	
Detection of Mutually Dependent Test Items Using the LCI Test	196
<i>Takamitsu Hashimoto and Maomi Ueno</i>	
Searching Optimal Bayesian Network Structure on Constraint Search Space: Super-Structure Approach	210
<i>Seiya Imoto, Kaname Kojima, Eric Perrier, Yoshinori Tamada, and Satoru Miyano</i>	
The Role of Operation Granularity in Search-Based Learning of Latent Tree Models	219
<i>Tao Chen, Nevin L. Zhang, and Yi Wang</i>	

ISS

International Workshop on Innovating Service Systems	232
<i>Yukio Ohsawa and Katsutoshi Yada</i>	
Meandre Data-Intensive Application Infrastructure: Extreme Scalability for Cloud and/or Grid Computing	233
<i>Bernie Ács, Xavier Llorà, Boris Capitanu, Loretta Auvil, David Tcheng, Mike Haberman, Limin Dong, Tim Wentling, and Michael Welge</i>	
Agent-Based Simulation System for Supporting Sustainable Tourism Planning	243
<i>Dingding Chao, Kazuo Furuta, and Taro Kanno</i>	
To Construct a Technology Roadmap for Technical Trend Recognition on Thin-Film Solar Cell	253
<i>Tzu-Fu Chiu, Chao-Fu Hong, Leuo-hong Wang, and Yu-Ting Chiu</i>	

Development of Service Performance Indicators for Operations Management in Airline	263
<i>Toru Gengo, Kazuo Furuta, Taro Kanno, and Katsuya Fukumoto</i>	
The Impact Factors in Remedial English e-Learning Instruction	273
<i>Chia-ling Hsu</i>	
Surgical Workflow Monitoring Based on Trajectory Data Mining	283
<i>Atsushi Nara, Kiyoshi Izumi, Hiroshi Iseki, Takashi Suzuki, Kyojiro Nambu, and Yasuo Sakurai</i>	
Discover the Used Innovativeness of the Early Adopters	292
<i>Chao-Fu Hong, Chien-Jen Huang, Tzu-Fu Chiu, Hsiao-Fang Yang, and Mu-Hua Lin</i>	
Early Diagnosis Service for Latent Patients of Incurable Diseases	302
<i>Yoko Nishihara, Yoshimune Hiratsuka, Akira Murakami, and Toshiro Kumakawa</i>	
Innovators Marketplace: Process of Service Innovation with Communication Games	311
<i>Yukio Ohsawa and Yoko Nishihara</i>	
Multiscale Service Design Method and Its Application to Sustainable Service for Prevention and Recovery from Dementia	321
<i>Mihoko Otake, Motoichiro Kato, Toshihisa Takagi, Shuichi Iwata, Hajime Asama, and Jun Ota</i>	
Opinion Exchange Convergence Support System Using RFID Tags	331
<i>Yoshifumi Shimizu and Wataru Sunayama</i>	
Author Index	341