

September 20 (Thu)			
	Registration		
10:30 - 11:00	Opening		
11:00 - 12:00	60 min.	Keynote speech: Sung Hyon Myaeng (KAIST) ESKM	
12:00 - 13:30	Lunch		
13:30 - 15:30	120 min.	Session 1: SS_Mi, ESKM1, LTLE1	
Special Session - Data and Knowledge Mining for Ever-Changing World			
	title	authors	affiliation
	Analysis of Multiplexed Parse Trees for Almost Instantaneous VF Code	Satoshi Yoshida and Takuya Kida	Hokkaido University
	Automatic Information Extraction of Experiments from Nanodevices Development Paper	Thaer M. Dieb and Masaharu Yoshioka	Hokkaido University
	Finding What Changes for Two Graphs Constructed from Different Time Intervals	Aixiang Li, Makoto Haraguchi, Yoshiaki Okubo and Etsuji Tomita	Hokkaido University
	Mining Approximate Substring Patterns with Frequent Locally Optimal Occurrences	Atsuyoshi Nakamura, Hisashi Tosaka and Mineichi Kudoh	Hokkaido University
	Pattern Mining from Trajectory GPS Data	Xiaoliang Geng, Hiroki Arimura and Takeaki Uno	Hokkaido University
	Trajectory Pattern Matching Based on Bit-Parallel for Large GPS	Hirohito Sasakawa and Hiroki Arimura	Hokkaido University
Session - ESKM 1			
	title	authors	affiliation
	Balance: A Key Factor For the Evaluation of Semantic Web Application	Haibo Yu, Mine Tsunenori, Makoto Amamiya	Shanghai Jiao Tong University
	Extraction of Relevant Snippets from Web Pages Using Hybrid Features	Jun Zeng, Qingyu Xion, Junhao Wen, Sachio Hirokawa	Kyushu University
	Search Engine Focused on Multiple Features of Scientific Articles	Toshihiko Sakai, Brendan Flanagan, Jun Zeng, Tetsuya Nakatoh, Sachi Hirokawa	Kyushu University
	Translating XML Documents through Dyck-Typed Regular Translation Elementary Formal Systems	Noriko Sugimoto, Kouichi Hirata	Kyushu Institute of Technology
Session - LTLE 1			
	title	authors	affiliation
	Designing a Streamlined Viewport Strategy System to Enhance Performance in Context Awareness in Mobile Learning Environment	Jia Zhang , Hwei-Tse Hou , Kuo-En Chang	National Taiwan Normal University
	Mobile-based blended instruction in a foreign language classrooms as a model of enhancing learners' attitude	Yuichi Ono, Mitsuo Yamashiro , Manabu Ishihara	Tsukuba University Foreign Language Center Tsukuba
	Simulation Teaching in 3D Augmented Reality Environment	Su Cai , Xu Wang , Mengnan Gao Shengquan Yu	Beijing Normal University; Beihang University
	Supporting development of motor-skills in a comfortable environment	Kenji Matsuura , Kazuhide Kanenishi Hiroki Moriguchi	The University of Tokushima
	Using the Multi-Mouse Quiz System for Quiz Making Activities in an Elementary School	Juan Zhou , Mikihiko Mori , Hajime Kita	Graduate School of Informatics, Kyoto University
15:30 - 16:00	Coffee Break		
16:00 - 17:40	100 min.	Session 2: SS_Tr, ESKM2, LTLE2	
Special Session - Tourism Information and Its Application			
	title	authors	affiliation
	A Method to Search Accommodations System by Focusing on Guest's Taste	Ryotaro Kawaiishi, Fumito Masui, Yasunari Maeda, Fumitaro Goto and Hiroshi Masui	Kitami Institute of Technology
	An active learning based support tool for extracting hints of tourism development from blog articles	Masato Tokuhisa, Hiroshi Shahana, Masaki Murata and Jin'ichi Murakami	Tottori University
	Construction of a System for Providing Travel Information along Hiroden Streetcar Lines	Aya Ishino, Hidetsugu Nanba and Toshiyuki Takezawa	Hiroshima City University
	Extraction of Tourist Behavior Contexts from Blog by Verbs and Their Objects	Tesuya Nakatoh and Sachio Hirokawa	Kyushu University
	On-site likelihood identification of tweets for tourism information analysis	Kazutaka Shimada, Shunsuke Inoue, and Tsutomu Endo	Kyushu Institute of Technology
Session - ESKM 2			
	title	authors	affiliation
	A M2M system using Arduino, Android and Wiki Software	Takashi Yamanoue, Kentaro Oda, Koichi Shimozono	Kagoshima University
	An Evaluation of Accelerated Fingerprint Identification Algorithm with SIFT Features	Ali Awad, Kensuke Baba	Kyushu University

	Hiding of User Presence for Privacy Preserving Data Mining	Takao Takenouchi, Takahiro Kawamura, Akihiko Ohsuga	NEC Corporation	Japan
	Improving Service Level Management Practices:A Case Study	Marko Jaentti, Antti Suhonen,	University of Eastern Finland, School of Computing Kuopio	Finland
	Near friends communication encouragement system using NFC and SNS	Hiroaki Ninomiya, Eisuke Ito, Brendan Flanagan, Sachio Hirokawa	Kyushu University	Japan
Session - LTLE 2				
	title	authors	affiliation	country
	A Customizable Language Learning Support System using Course-centered Ontology and Teaching Method Ontology	Jingyun Wang , Takahiko Mendori	Kochi University of Technology/Xiamen University of Technology	Japan&China
	Emotion Labyrinth: Learning to Rationalize Emotions through 3D Game Environment	Ju-Ling Shih , Yu-Jen Hsu , Chien-Huang Chen	National University of Tainan	Taiwan
	Learning Log Navigator : Augmented Awareness Past Learning Experience	Kousuke Mouri , Hiroaki Ogata , Mengmeng Li , Bin Hou , Noriko Uosaki	University of Tokushima	Japan
	Mistake discovery and generation of exercises automaticity in context	Chengjiu Yin , Sachio Hirokawa Brendan Flanagan , Takahiko Suzuki , Yoshiyuki Tabata	Kyushu University	Japan
19:00-20:00	Reception			

September 21 (Fri)				
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10:00 - 11:20	80 min.	Session 3: SS_KC, SS_LS, IRIM1		
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Special Session - Knowledge Creation and Information Technology				
	title	authors	affiliation	country
	A Development of Stress Management System using Heart-Rate Monitor	Tomohiro Takahashi, Satoshi Kaga, Hidehiko Hayashi, Akinori Minazuki	Kushiro Public University	Japan
	Research of Intelligent Search Engine Using Web Camera	Ma Wen Peng, Akinori Minazuki, Hidehiko Hayashi	Naruto University of Education	Japan
	Research on the decision-making process by Communication Specialist (CS) in the navigation management of Helicopter Emergency Medical Service (HEMS)	Tatsuru Nagata, Misaki Konishi, Hidehiko Hayashi, Akinori Minazuki	Kushiro Public University	Japan
	Study on 3D Image Assessment Using Motion Capture System	Ma Huan, Akinori Minazuki, Hidehiko Hayashi	Naruto University of Education	Japan

Special Session - Library Science				
	title	authors	affiliation	country
	A Linked Data Model for E-books	Kornschnok Dittawit and Vilas Wuwongse	Computer Science and Information Management Asian Institute of Technology	Thailand
	Development of a Website to Collect and Provide Questions Posted in Blogs and on Twitter	Shunsuke ARAI and Keita TSUJI	Graduate School of Library, Information and Media Studies, University of Tsukuba	Japan
	Formalization of Paper-registration Process to Institutional Repository	Koji Sakaguchi, Satoshi Nakayama, and Kensuke Baba	Library, Kyushu University	Japan
	Information behaviour of Thai adolescent in electronic age	Jutharat Changthong, Lampang Manmart, and Chollabhas Vongprasert	Information Studies Program, Khon Kaen University	Thailand
	Investigation of Interest Range and Earnestness of Library Patrons from Circulation Records	Toshiro Minami and Kensuke Baba	Kyushu Institute of Information Sciences	Japan
	On the Use of Library Loan Records for Book Recommendation	Keita Tsuji, Erika Kuroo, Sho Sato, Ui Ikeuchi, Atsushi Ikeuchi, Fuyuki Yoshikane and Hiroshi Isumura	Faculty of Library, Information and Media Science, University of Tsukuba	Japan

Session - IRIM 1				
	title	authors	affiliation	country
	Connecting Institutional Repository with Researcher Database	Masao Mori, Toshie Tanaka, Kensuke Baba	Kyushu University	Japan
	A Research Design for Observing Organizational Transformations in Universities: With a Focus on Abolishment of Research Centers	Kenta Kaneko	Kyushu University	Japan
	Database as a Tool for Visualization of Institutional Information, A Case Study of KOB University Information Database (KUID)	Shigeru Asano, Itsuo Hatono	Kobe University	Japan
	The Development of JCIRP: Self-reported Survey System to Assess Student Learning Outcomes	Reiko Yamada	Doshisha University	Japan

11:20 - 11:30	Coffee Break			
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11:30 - 12:30	60 min.	Keynote speech: Chin-Chung Tsai (National Taiwan University of Science and Technology) LTLE		
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12:30			
14:00	Lunch		
14:00			
15:40	100 min.	Session 4: SS Ag, MJIR1, ESKM3	
Special Session - Web Social Intelligence and Agent System			
	title	authors	affiliation
	A Real-Time Collaborative Web Page Editing System WFE-S based on Cloud Computing Environment	Tadachika Ozono, Robin M. E. Swezey, Shun Shiramatsu, Toramatsu Shintani, Ryota Inoue, Yudai Kato, Takushi Goda	Dept. of Computer Science and Engineering Graduate School of Engineering, Nagoya Institute of Technology
	A SPARQL Query Rewriting Approach on Heterogeneous Ontologies with Mapping Reliability	Takahisa Fujino, Naoki Fukuta	Faculty of Informatics, Shizuoka University
	A Web Agent Based on Exploratory event mining in social media	Norifumi Hirata, Hiroyuki Sano, Robin M. E. Swezey, Shun Shiramatsu, Tadachika Ozono, Toramatsu Shintani	Dept. of Computer Science and Engineering Graduate School of Engineering, Nagoya Institute of Technology
	Differential Synchronizaiton Mechanism for a Real-Time Collaborative Web Page Editing System WFE-S	Tadachika Ozono, Robin M. E. Swezey, Shun Shiramatsu, Toramatsu Shintani, Ryota Inoue, Yudai Kato, Takushi Goda	Dept. of Computer Science and Engineering Graduate School of Engineering, Nagoya Institute of Technology
	Gathering Public Concerns from Web towards Building Corpus of Japanese Regional Concerns	Shun Shiramatsu, Norifumi Hirata, Robin M. E. Swezey, Hiroyuki Sano, Tadachika Ozono, and Toramatsu Shintani	Dept. of Computer Science and Engineering Graduate School of Engineering, Nagoya Institute of Technology
Session - MJIR1			
	title	authors	affiliation
Session - ESKM 3			
	title	authors	affiliation
	A Framework for Segmenting Customers based on Probability Density of Transaction Data	Ke Lu, Tetsuya Furukawa	Dept. Economic Engineering, Kyushu University
	A Weighted Cluster-based Chinese Text Categorization Approach: Incorporating with Word Clusters	Yu-Chieh Wu, Jie-Chi Yang	National Central University
	Web Learning Contents for Reducing Mistake on Video Program Produce Based on Failure Episodic Knowledge	Norihiro Nishio, Manabu Tonishi, Takahiro Sugiyama	Mejiro University
	Mining Pure Patterns in Texts	Yasuhiro Yamada, Tetsuya Nakatoh, Kensuke Baba, Daisuke Ikeda	Shimane University
15:40			
16:00	Coffee break		
16:00			
17:40	100 min.	Session 5: LTLE3, ESKM4+IWEA, Poster	
Session - LTLE3			
	title	authors	affiliation
	A Template Independent Method for Large Online News Content Extraction	Yu-Chieh Wu, Jie-Chi Yang	Ming-Chuan University
	Effect of Learning Styles on Students' Motivation in Digital Game-based Learning	Han-Yu Sung, Gwo-Jen Hwang Chun-Ming Hung, I-Wen Huang	National Taiwan University of Science and Technology
	The Clusters of Gaming Behavior in MMORPG: A Case Study in Taiwan	Shih-Ting Wang, Jie-Chi Yang, Sherry Y. Chen, Wen-Chi Kuc	Graduate Institute of Network Learning Technology, National Central University
	Using SenseCam for Capturing Ubiquitous Learning Log	Bin Hou, Hiroaki Ogata, Mengmeng Li, Noriko Uosaki	The University of Tokushima
Session - ESKM 4 + IWEA			
	title	authors	affiliation
	Acquisition of Characteristic TTSP Graph Patterns by Genetic Programming	Satoshi Nagai, Tetsuhiro Miyahara, Yusuke Suzuki, Tomoyuki Uchida	Hiroshima City University
	An Isolated-Subtree Inclusion for Unordered Trees	Takahiro Hokazono, Tomohiro Kan, Yoshiyuki Yamamoto, Kouichi Hirata	Kyushu Institute of Technology
	NNRMLR: A Combined Method of Nearest Neighbor Regression and Multiple Linear Regression	Hideo Hirose, Yusuke Soejima, Kei Hirose	Kyushu Institute of Technology
	A Study on Effect of IP performance degradation on Horizontal Sound Localization in a VoIP Phone Service with 3D Sound Effects	Yoshihiro Ito, Toru Tahara, Susumu Kuroyanagi	Nagoya Institute of Technology
Session - Poster			
	title	authors	affiliation
	Analysis of Shrimp's Mating Motion Using CHLAC feature	Takahito Oishi, Baigalmaa Tsagaan, Hiromasa Nakatani	Shizuoka University

	Document analysis for traditional Mongolian script	Hisashi Oshiro, Baigalmaa Tsagaan, Hiromasa Nakatani	Shizuoka University	Japan
	Image feature extraction from tea leaf for measuring the degree of tea steaming	Yuya Kamisoyama, Baigalmaa Tsagaan, Takahiro Sugiyama, Hiromasa Nakatan Tadahiro Kitahashi	Shizuoka University	Japan
	Evaluation of Educational achievement	Makoto Nakajima, Yoshifumi Nakanishi, Manabu Minami	Mie University	Japan
	Human Motion Mining Supporting System using Microsoft Kinect	Youji Ochi, Yuya Takeda	Kinki University	Japan
	The Cyclical Form Web-site Type Database of "Family Social Work in the Community-based Pa	Yasuhiro Niikawa	Kansai University of Welfare Science	Japan
19:00– 21:00	Banquet			
September 22 (Sat)				
10:00 – 11:20	80 min.	Session 6: IRIM2, LTLE4		
	Session - IRIM 2			
	title	authors	affiliation	country
	Development of Comprehensive I-E-O Model Incorporating Alternative Engagement	Soichiro Aihara	Osaka Kun-ei Women's College	Japan
	Necessity of Self-study Design for Quality Assurance in Japa	Tsutomu Yamada	Ritsumeikan Trust	Japan
	Quality Assurance Using Qualifying Examinations in University Classe:	Katsuichi Higuchi	Kobe Kaisei College	Japan
	Students' Learning Experiences and Their Outcomes : A Preliminary Study of Its Relationship in Japan	Tomoko Torii, Takashi Kawanabe	Ritsumeikan University	Japan
	Session - LTLE4			
	title	authors	affiliation	country
	Backchannel of Interactions in Class	Chie Oishi , Akihiro Kashihara	Graduate School of Informatics and Engineering, The University of Electro-Communications	Japan
	Estimating word difficulty using semantic descriptions in dictionaries and Web data	Kiyooki Nkanishi , Nobuyuki Kobayashi, Hiromitsu Shiina, Fumio Kitagawa	Faculty of informatics, Okayama University of Science	Japan
	Extracting Topic Changes through Word Co-occurrence Graphs from Japanese subtitles o VOD Lecture	Nobuyuki KOBAYASHI, Noboru KOYAMA, Hiromitsu SHIINA, Fumio KITAGAWA	Faculty of Human Sciences, Sanyo Gakuen University	Japan
	Preschool Teachers' Internet Attitude and Their Internet Self-efficacy: A Comparative Study between Pre-service and In-service Teachers in Taiwar	Yi-Hui Lin , Jyh-Chong Liang	National Taiwan Normal University	Taiwan
11:20 – 11:30	Coffee Break			
11:30 – 12:30	1hr	Keynote speech: Masashi Sekiguchi (Kyushu University) IRIM		
	Closing			
12:30 – 14:00	Lunch			
14:00 – 15:40	100 min.	Session 6: MJIR2		
	Session - MJIR 2			
15:40 – 16:00	title	authors	affiliation	country