

Program

SITIS'07



	Sunday Dec. 16, 2007	Monday Dec. 17, 2007	Tuesday Dec. 18, 2007	Wednesday Dec. 19, 2007
08:30-09:00 AM		Registration Opening session	Registration Keynote Talk 2	Registration
09:00-09:30 AM		Keynote Talk 1 Prof Ernesto Damiani	Keynote Talk 2 <i>Prof Yuncai Liu</i>	
09:30-10:00 AM		Amphitheater	(Amphitheater)	
10:00-10:30 AM		Coffee Break	Coffee Break	Coffee Break
10:30-11:00 AM		Sessions	Sessions	Sessions
11:00-11:30 AM		IMRT-S1 WITDS-S1 SIT-S1 SIT-S4 Room 1 Room 2 Room 3 Room 4	IMRT-S4 WITDS-S4 SIT-S7 SIT-S10 Room 1 Room 2 Room 3 Room 4	IMRT-S5 WITDS-S7 SIT-S13 Room 1 Room 2 Room 3
11:30-12:00 AM				
12:00-12:30 AM				
12:30-02:00 PM		Lunch	Lunch	Lunch
02:00-02:30 PM	Registration Tutorial ₁ Tutorial ₂	Registration Sessions	Registration Workshop Sessions	Registration Sessions
02:30-03:00 PM	Tutorial ₁ Tutorial ₂	IMRT-S2 WITDS-S2 SIT-S2 SIT-S5 Room 1 Room 2 Room 3 Room 4	SePTIS 1 WITDS-S5 SIT-S8 SIT-S11 Room 1 Room 2 Room 3 Room 4	IMRT-S6 WITDS-S8 SIT-S14 Room 1 Room 2 Room 3
03:00-03:30 PM	Room 1 Room 2			
03:30-04:00 PM	Coffee Break	Coffee Break	Coffee Break	
04:00-04:30 PM				Fairwell Reception Introducing SITIS 2008 Bali, Indonesia
04:30-05:00 PM	Tutorial ₁ Tutorial ₂	Sessions	Workshop Sessions	
05:00-05:30 PM	Tutorial ₁ Tutorial ₂	IMRT-S3 WITDS-S3 SIT-S3 SIT-S6 Room 1 Room 2 Room 3 Room 4	SePTIS 2 WITDS-S6 SIT-S9 SIT-S12 Room 1 Room 2 Room 3 Room 4	
05:30-06:00 PM	Room 1 Room 2			
06:00-06:30 PM				
07:00 PM	Dinner	Welcome Reception	Conference Banquet @ Shanghai Oriental Pearl Tower <i>Buses depart from the conference hotel</i>	Dinner

Tutorials

Tutorial 1

Human-centric Information Seeking and Sharing: an Interdisciplinary and Integrated Approach

Qun Jin and Roman Y. Shtykh

Tutorial 2

Level Set Based Deformable Models for Image Segmentation

Xianghua Xie and Marjid Mirmehd

Information Management & Retrieval Technologies Sessions

IMRT-S1: Multimedia Retrieval and Annotation

Improving Image Annotation by Combining Multiple Models

Peng Huang, Jiajun Bu, Chun Chen, Kangmiao Liu, Guang Qiu

A Semantic Framework for Spatiotemporal Data Representation

Peiquan Jin, Shouhong Wan, Lihua Yue

A Methodology for Low Cost Image Annotation based on Conceptual Modeling: a Biological Example

Arnaud Da Costa, Éric Leclercq, Marinette Savonnet, Marie-Noëlle Terrasse

Content-Based Shape Search of 3D Cad Models With Relevance Feedback

Jiale Wang, Hongming Cai, Yuanjun He, Zhi Liu

IMRT-S2: Data Mining

Extraction of Ambiguous Sequential Patterns with Least Minimum Generalization from Mismatch Clusters

Kotaro Araki, Keiichi Tamura, Tomoyuki Kato, Yasuma Mori, Hajime Kitakami

Distributed Frequent Closed Itemsets Mining

Chun Liu, Zheng Zheng, Kai-Yuan Cai, Shichao Zhang

Effective Site Customization Based on Web Semantics and Usage Mining

Paraskevi Tzekou, Sofia Stamou, Lefteris Kozanidis, Nikos Zotos

An Adaptive Privacy Preserving Data Mining Model under Distributed Environment

Feng Li, Jin Ma, Jian Hua Li

IMRT-S3: Text Retrieval

Passage Retrieval Using Graph Vertices Comparison

Taoufiq Dkaki, Josiane Mothe, Q.D. Truong

Linguistic Analysis of Users' Queries: Towards an Adaptive Information Retrieval System

Josiane Mothe, Ludovic Tanguy

Topic Detection Via Participation Using Markov Logic Network

Cheng Victor, Chun Hung Li

An Analysis of Constructed Categories for Textual Classification using Fuzzy Similarity and Agglomerative Hierarchical Methods

Guelpele Marcus Vinicius C., Garcia Ana Critina B.

IMRT-S4: Security and Privacy

The Application of Wavelet & DCSK Watermarking in Multimedia Security

Xinghao Jiang, Tanfeng Sun, Jianhua Li

UMQL: A Unified Multimedia Query Language

Zongda Wu, Zhongsheng Cao, Yuanzhen Wang

New algorithm in Optimization and Data Security Problem in Distributed Information Systems

Agnieszka Dardzinska-Glebocka

The Early Detection of DDoS Based on the Persistent Increment Feature of the Traffic Volume

Ying Huang, Huizhong Sun, H.Jonathan Chao, Xiangsheng Fu, Chao Xiong

IMRT-S5: Network Data Management

A Grouped Network Video Conference System Based on JMF in Collaborative Design Environment

Pengfei Zeng, Yongping Hao, Yubin Song, Yongxian Liu

The Necessity of Combining ELN and SACK to Improve TCP Performance over Heterogeneous Networks

Yaogong Wang, Li Pan, Jianhua Li

A Robust Overlay Network for Real-time Multimedia Dissemination

Qiang Zeng, Hua Miao

A Framework of Spatial Sensor Web

Wang Yandong, He You, Sheng Jizhen, Gong Jianya

IMRT-S6: New Data Types

Event Query Processing in EPC Information Services

Tuyen Nguyen, Young-Koo Lee, Byeong-Soo Jeong, Sungyoung Lee

A SPARQL Engine for Streaming RDF Data

Sven Groppe, Jinghua Groppe, Dirk Kukulenz, Volker Linnemann

Multi-Level Experience Retrieval for the Personal Lifelog Media System

Baud Haryo Prananto, Ig Jae Kim, Hyoung Gon Kim

A new architecture of sensitive file management based on Dual-Core and EFI

Zijian Deng, Xuejia Lai

Web-Based Information Technologies & Distributed Systems Sessions

WIDTS-S1: Information System Interoperability

A Discussion on Personalized Trust Management for Flat P2P Communities

Min Zuo, Jian-hua Li, Gong-shen Liu

Dynamics Analysis of Trust Computing Evolution in P2P Networks

Fengming Liu, Yongsheng Ding

Private Key Management in Hierarchical Identity-Based Encryption

Zhongren Liu, Li Xu, Zhide Chen, Fuchun Guo

Policy Security Protecting for Negotiating Trust

Li Dong, Huang LinPeng, Li MingLu

Establishing Trust Beliefs based on a Uniform Disposition to Trust

Rachid Saadi, Omar Hasan, Jean-Marc Pierson, Lionel Brunie

WIDTS-S2: Security Frameworks

A Novel Methodology for Web Services Discovery in Gnutella-like Networks

Fuyong Yuan, Jian Liu, Chunxia Yin, Yulian Zhang

A Graph-based User Profile Similarity Calculation Method for Collaborative Information Retrieval

Hassan Naderi, Béatrice Rumpler, Jean-marie Pinon

OWSCIS: Ontology and Web Service based Cooperation of Information Sources

Raji Ghawi, Thibault Poulain, Guillermo Gomez, Nadine Cullot

A Novel Collaborative Filtering Mechanism for Product Recommendation in P2P Networks

Fuyong Yuan, Jian Liu, Chunxia Yin, Yulian Zhang, Nan Shen

An Agent-based Architecture to Add Security in a Cooperative Information System

Leslie Huin, Danièle Boulanger

WIDTS-S3: Information Sharing

Analysis of Energy Consumption in Direct Transmission and Multi-hop Transmission for Wireless Sensor Networks

Jin Wang, Yu Niu, Jinsung Cho, Sungyoung Lee

Constructing Efficient Cache Invalidation Schemes in Mobile Environments

Po-Jen Chuang, Yu-Shian Chiu

Combating P2P File Pollution with Co-Alerting

Min Zuo, Ying-hua Ma, Richard Chbeir, Jian-hua Li

The Application of Real Time Tracking Technologies in Freight Transport

Yingli Wang, Andrew Potter

A Multi-channel End System Multicasting Scheme on P2P Cluster Overlay

Yinghua Ma, Richard Chbeir, Kokou Yetongnon, Guiyang Su

WIDTS-S4: Mobile Information Management and Computing

Automatic Extending HowNet's Attribute Lexicon on Web

Jinglei Zhao, Hui Liu, Ruzhan Lu

Searching Services "on the Web": A public Web Services Discovery Approach

Chen Wu, Elizabeth Chang

An Integrated Crawling Strategy for Domain-specific Resource Discovery

Fuyong Yuan, Chunxia Yin, Jian Liu, Yulian Zhang

Using a Semi-Automatic Keyword Dictionary for Improving Violent Web Site Filtering

Radhouane Guermazi, Mohamed Hammami, Abdelmajid Ben Hamadou

WIDTS-S5: Web Engineering/Mining/Searching and Crawling

Comparing and Contrasting Micro-payment Models for Content Sharing in P2P Networks

Xiaoling Dai, Kaylash Chaudhary, John Grundy

A Receipt-Free Punch-Hole Ballot Electronic Voting Scheme

Wei Han, Dong Zheng, Ke-fei Chen

Smartcard-based E-coin for Electronic Payments on the (Mobile) Internet

Antonio Ruiz-Martínez, Óscar Cánovas, Antonio F. Gómez-Skarmeta

Regression and Performance Testing of an e-learning Web Application: dotLRN

Ana Cavalli, Stephane Maag, Gerardo Morales

WIDTS-S6: On E-Commerce and E-Learning

Content Synchronization in Replicated Grid Database Resources

Marek Ciglan, Ladislav Hluchy

Wraplet: Wrapping Your Web Contents with a Lightweight Language

Natsumi Sawa, Atsuyuki Morishima, Shigeo Sugimoto, Hiroyuki Kitagawa

Multi-Channel Support Framework for Mobile Workers

Shang Gao, John Krogstie

Improved Web Content Adaptation for Visual Aspect of Mobile Services

WonSeop Kim, DongHeon Jang, TaeYong Kim

Cooperative Online Submission: Business Analsys and a Work Flow Model

Arzu Baloglu

WIDTS-S7: On Web and Distributed Information Management

Timed Modeling of Web Services Composition for Automatic Testing

Mounir Lallali, Fatiha Zaidi, Ana Cavalli

Matching in Online Community for Mutual Assisted Living

Hong Sun, Vincenzo De Florio, Ning Gui, Chris Blondia

A Practical Web Testing Model for Web Application Testing

Zhongsheng Qian, Huaikou Miao, Hongwei Zeng

Improving Negotiation Efficiency and Success in Automated Trust Negotiation

Hongwei Lu, Bailing Liu

WIDTS-S8: On Distributed Architectures and Algorithms

An Efficient Strip-mining Algorithm for Improving SRF Bandwidth Utilization on Imagine

Wenjing Yang, Xuejun Yang, Jing Du

Improved Schemes for Node Clustering in Decentralized Peer-to-Peer Networks

Yanxiang He, Haowen Liu, Fubao Zhu

Fulfilling Task Dependence Gaps for Workflow Scheduling on Grids

Luiz F. Bittencourt, Edmundo R. M. Madeira

General Parallel Matrix Multiplication on the OTIS Network

Cai Zhaoquan, Wei Wenhong

Signal & Image Technologies Sessions

SIT-S1: Image Filtering, Restoration, Enhancement

Noise Reduction and Voice Separation Algorithms Applied to Wolf Population Counting

Benjamín Dugnol, Carlos Fernández, Gonzalo Galiano, Julián Velasco

Contrast Enhancement Scheme Integrating Global and Local Contrast Equalization Approach

Kwanghyun Kim, Youngjoon Han, Hernsoo hahn

Statistical Filtering of Raster Map Images Using a Context Tree Model

Alexey Podlasov, Pavel Kopylov, Pasi Fränti

New Edge Detection Approach by Using Linear Filtering

Yingjie Zhang, Liling Ge

An Area-Efficient Hardware Implementation for Real-time Window-based Image Filtering

Mohammad Haji Seyed Javadi, Hamed Rafi, Shaghayegh Tabatabaei, Abolfazl Toroghi Haghghat

Facial Sketching Based on Sub-Image Illumination Removal and Multiscale Edge Filtering

Francisco Arruda, Vinicius Porto, Herman Gomes, Eustaquio Rangel

SIT-S2: Signal processing

Time Delay Estimation of Reverberant Meeting Speech: On the use of Multichannel Linear Prediction

Eva Cheng, Ian Burnett, Christian Ritz

An Area-efficient Interpolator Applied in Audio Σ - Δ DAC

Binming Luo, Yuanfu Zhao, Zongmin Wang

A Correlated Bit-Plane Model for Wavelet Subband Histograms and Its Application to Chinese Materia Medica Starch Grains Classification

Siu Kai Choy, Chong Sze Tong

Blind Source Separation of Temporal Correlated Signals

Bin Xia

DFRFT Based Transmultiplexer

George Kwamina Aggrey, Ran Tao

Joint Compression and Classification For Textures in Wavelet and Ridgelet Domain

Madhuri Joshi, Ramchandra Manthalkar, Yashwant Joshi

SIT-S3: Fast Algorithms and Real-time Signal Processing

A High-efficiency Super-resolution Reconstruction Algorithm from Image/Video Sequences

Chuangbai Xiao, Jing Yu, Yi Xue

FPGA-Based Quadrature Mirror Filters for DSP Applications

Ali Al-Haj

Ultra Fast Grey Scale Face Detection Using Vector SIMD Programming

Olivier Vermeulen, Antoine Manzanera, Lionel Lacassagne

Fingerprint Matching Using Dual Hilbert Scans

Li Tian, Liang Chen, Sei-ichiro Kamata

SIT-S4: Image Processing

An Ontological and Non-monotonic Rule-based Approach to Label Medical Images

Massimo Esposito

Texture Synthesis for Digital Restoration in the Bit-Plane Representation

Edoardo Ardizzone, Haris Dindo, Giuseppe Mazzola

Material Classification of Hyperspectral Images using Unsupervised Fuzzy Clustering Methods

Soudeh Kasiri Bidhendi, Abbas Sarraf Shirazi, Narges Fotoohi, Mohammad Mehdi Ebadzadeh

Image Registration Using Structural Corners

Shubin Zhao

Graph Cuts Segmentation with Statistical Shape Priors for Medical Images

Jie Zhu, Ramin Zabih

Defects Detection on Aged Films

Yang-Ta Kao, Timothy K. Shih, Hsing-Ying Zhong, Ben C. Tsai, Wen-Ju Tsai

SIT-S5: Image Processing

Improved Jpeg Scheme Based on Adaptive Block Encoding

Yuan-Hui Yu, Chin-Chen Chang, Yu-Chen Hu

Multi-view Ear Shape Feature Extraction and Reconstruction

Heng Liu, Jingqi Yan, David Zhang

An Adaptive Selection of the Scale and Orientation in Kernel Based Tracking

Qifeng Qiao, Dali Zhang, Yu Peng

Global Binarization of Document Images Using a Neural Network

Adnan Khashman, Boran Sekeroglu

An Image Segmentation Algorithm in Image Processing Based on Threshold Segmentation

Shiping Zhu, Xi Xia, Qingrong Zhang, Kamel Belloulata

Research on Skeletonization of Palmprint Image

Yuanfang Liu, Yan Zheng, GuangShun Shi, Qingren Wang

SIT-S6: Color Imaging

Quality Evaluation of Color Demosaicing According to Image Resolution

Yanqin Yang, Olivier Losson, Luc Duvieubourg

Texture or Color Analysis in Agronomic Images for Wheat Ear Counting

Frédéric Cointault, Pierre Gouton

A Colour Correlation-based Stereo Matching Using 1D Windows

Sébastien Lefebvre, Sébastien Ambellouis, François Cabestaing

Automatic Detection of Vascular Bifurcations and Crossovers from Color Retinal Fundus Images

Alauddin Bhuiyan, Baikunth Nath, Joselito Chua, Kotagiri Ramamohanarao

Multi-Class Boosting with Color-Based Haar-Like Features

Wen-Chung Chang, Chih-Wei Cho

A Contourlet-Based Face Detection Method in Color Images

Hedieh Sajedi, Mansour Jamzad

SIT-S7: Object and Face Recognition

A Study on Optimal Face Ratio for Recognition Using Part-based Feature Extractor

Han Foon Neo, Chuan Chin Teo, Beng Jin Teoh Andrew

Super-Resolution of Face Images Based on Adaptive Markov Network

Dongjun Huang, J. Paul Siebert, W. Paul Cockshott, Yijun Xiao

Full Controllable Face Detection System Architecture for Robotic Vision

Marco Anisetti, Valerio Bellandi, Ernesto Damiani, Gwanggil Jeon, Jechang Jeong

Face Feature Extraction Using Elliptical Model Based Background Deletion and Generalized FEM

Yun-Su Chung, Young-Lae Bae, Sung-Uk Jung, Ki-Young Moon

ICA-Based LIP Feature Representation for Speaker Authentication

Shilin Wang, Alan Wee-Chung Liew

Lipless Tracking and Emotion Estimation

Shafiq Ur Rehman, Li Liu, Haibo Li

SIT-S8: Object and Face Recognition

A Simulated Annealing and 2DPCA Based Method for Face Recognition

Zhijie Xu, Laisheng Wang, Liming Yang

Computationally Efficient Quantitative Testing of Image Segmentation with a Genetic Algorithm

Hassan Al-Muhairi, Martin Fleury, Adrian Clark

Change Detection and Object Tracking in IR Surveillance Video

Mehmet Celenk, Don Venable, Mark Smearcheck, James Graham

Iris Localization Scheme Based on Morphology and Gaussian Filtering

Gui Feng, Qiwei Lin

Segmentation of Offline Palmprint

Yan Zheng, Yuanfang Liu, Guangshun Shi, Jiyi Li, Qingren Wang

A Simple and Fast Surveillance System for Human Tracking and behaviour analysis

Chen-Chiung Hsieh, Shu-Shuo Hsu

SIT-S9: Shape Matching

Corner Detection using Difference Chain Code as Curvature

Neeta Nain, Vijay Laxmi, Bhavitavya Bhadviya, Arpita Gopal

Single-Patch NURBS face

Ken Yano, Koichi Harada

Correlated Active Appearance Models

Bernard Tiddeman, Chen Jingying

An Efficient Matching Method Based on Image Rectification for Feature Tracking

Wu Di, Lu Naiguang, Sun Peng

A Study on the Dynamic TimeWarping in Kernel Machines

Hansheng Lei, Bingyu Sun

SIT-S10: Learning and Classification

A Novel Computerized Method Based on Support Vector Machine for Tongue Diagnosis

Zhong Gao, Lai-Man Po, Wu Jiang, Xin Zhao, Hao Dong

On Constructing and Pruning SVM Ensembles

Bing-Yu Sun, Xiao-min Zhang, Ru-jing Wang

Paper Currency Verification with Support Vector Machines

Chin-Chen Chang, Tai-Xing Yu, Hsuan-Yen Yen

Univalent Neural Nets and Shape Detection

Frantisek Haki

A New Fuzzy Supervised Classification Method based on Aggregation Operator

Saroj K. Meher

A Novel Iris Recognition System

Munaga. V. N. K Prasad, V.C. Subbarayudu

SIT-S11: Learning and Classification

Selection of Reliable Features Subsets for Appearance-based Tracking

Pascaline Parisot, Bernard Thiesse, Vincent Charvillat

A Rule Based Approach for Skew Correction and Removal of Insignificant Data from Scanned Text Documents of Devanagari Script

Pramod Kumar Sharma, Kapil Dev Dhingra, Sudip Sanyal

Clustering Analysis using Data Range Aware Seeding and Agglomerative Expectation Maximization

Hongwei Zhu, Honglei Zhu

Interactive Mining of Functional MRI Data

Jerzy Korczak

Statistical Fusion Approach on Keystroke Dynamics

Pin Shen Teh, Andrew Beng Jin Teoh, Thian Song Ong, Han Foon Neo

SIT-S12: Watermark Embedding and Detection

A RST-Resilient Watermarking Scheme Based on Invariant Features

Yuxin Zhao, Guangjie Liu, Yuewei Dai, Zhiquan Wang

Lossless Information Hiding Scheme Based on Pixels Complexity Analysis

Tzu-Chuen Lu, Cheng-Chun Huang

A New Robust Watermarking Scheme for Color Image in Spatial Domain

Ibrahim Nasir, Ying Weng, Jianmin Jiang

An Information Hiding Scheme using a Pattern-based Compression Algorithm

Farhad Keissarian

SIT-S13: Stereoscopic and 3D Processing

Vision-based 3D Articulated Pose Tracking Using Particle Filtering and Model Constraints

Fawang Liu, Gangyi Ding, Xiao Deng, Yihua Xu

Pedestrian Detection from a Moving Camera with an Advanced Camera-Motion Estimator

Arash Jalalian, Mahmood Fathy

Vision Based Navigation Algorithm for Autonomic Landing of UAV without Heading & Attitude Sensors

Tang Daquan, Zhang Hongyue

Obstacle Detection Using a Single Camera Stereo Sensor

Luc Duvieubourg, Sébastien Ambellouis, Sébastien Lefebvre, François Cabestaing

SIT-S14: Image DataBase

Image Cluster Compression using Partitioned Iterated Function Systems and efficient Inter-Image Similarity Features

Matthias Kramm

An Adaptive Fuzzy Clustering Method for Query-by-Multiple-Example Image Retrieval

Haifeng Zhao, Wenhua Jia

Semantic Tolerance-based Image Representation for Large image/video Retrieval

Ying Dai

Development of Face Recognition System Using Multi-views Database

Xiaojuan Liu, Jianwu Dang, Fan Yang, Michel Paindavoine

Security and Privacy in Telecommunications and Information System Wrokshop

Septis-S1

Efficient Receipt-Free Electronic Auction Protocol

Zheng Huang , Weidong Qiu , Haibin Guan , Kefei Chen

An Adaptive Collaborative Filtering Algorithm for Online Reputation Systems

Min Zuo, Jian-hua Li , Gong-shen Liu

Modes of Real-time Content Transformation for Web Intermediaries in Active Networks

Xiang Li, Jian-hua Li

Method on Network Information System Security Assessment Based on Rough Set

Wang Qiangmin, Lin Mengquan, Li Jian-hua

Septis-S2

Cryptanalysis of SPA Protocol

Hong Lei, Tianjie Cao

Privacy Management for Medical Service Application using Mobile Phone Collaborated with RFID Reader

Byunggil Lee, Howon Kim

Design of Embedded Multimodal Biometric Systems

Jang-Hee Yoo, Jong-Gook Ko, Yun-Su Chung, Sung-Uk Jung, Ki-Hyun Kim, Ki-Young Moon, Kyoil Chung

Interoperability Between Heterogeneous Federation Architectures: Illustration with SAML and WS-Federation

Mikaël Ates , Christophe Gravier, Jeremy Lardon, Jacques Fayolle, Bruno Sauviac

|

|

|

|