



# ICETE 2005

# Call for Papers

## Scope

The purpose of the 2nd International Conference on E-Business and Telecommunication Networks (ICETE) is to bring together researchers, engineers and practitioners interested in the understanding and applications of E-Business and Telecommunication Networks. Four simultaneous tracks will be held, covering Global Communication Services, Software and Systems, Security and Reliability, Wireless Communication, and Multimedia Signal Processing.

Information systems and information technology are pervasive in the whole Communications field, which is quite vast, encompassing a large number of research topics and applications: from hardware and electronics to the more abstract theoretical aspects of communication; from low level protocols to high-level networking and applications; from security concerns to wireless information systems; many other topics could be listed. ICETE is mainly interested in contributions related to information and communication systems issues and applications involving high-level technologies and protocols; not the lower OSI levels. Ideas on how to analyze and approach problems by combining information systems and telecommunication technologies, either in the scope of R&D projects, engineering or business applications, are welcome. Papers describing new methods or technologies, advanced prototypes, systems, tools and techniques and general survey papers indicating future directions are also encouraged. Papers describing original work are invited in any of the areas listed below. Accepted papers, presented at the conference by one of the authors, will be published in the Proceedings of ICETE, with an ISBN. Furthermore, a short list of about thirty papers will be selected to appear in a book that will be published by Kluwer Academic Publishers. Acceptance will be based on quality, relevance and originality. Both full research reports and work-in-progress reports are welcome. There will be both oral and poster sessions.

Special sessions, dedicated to case-studies and commercial presentations, as well as tutorials dedicated to technical/scientific topics are also envisaged: companies interested in presenting their products/methodologies or researchers interested in holding a tutorial are invited to contact the conference secretariat.

We are also open to specialized workshop proposals. Additional information can be found at [www.icete.org](http://www.icete.org)

## **Topic Areas / Conference Tracks**

Each of these topic areas is expanded below but the sub-topics list is not exhaustive. Papers may address one or more of the listed sub-topics, although authors should not feel limited by them. Unlisted but related sub-topics are also acceptable, provided they fit in one of the following main topic areas:

### **■Global Communication Information Systems and Services**

### **■Security and Reliability in Information Systems and Networks**

### **■Wireless Communication Systems and Networks**

### **■Multimedia Signal Processing**

## **Area 1: Global Communication Information Systems and Services**

- e-Commerce and e-business: B2B and B2C
- Electronic payment systems and exchange protocols
- e-Marketing and Consumer Behavior
- CRM and Business Solutions
- Web Technologies and Web Services
- Agent-based Information Systems
- Virtual Enterprises
- VPN Technology and Services
- Unified Communications and Enhanced Services
- Telecommunication Software Systems, Tools and Languages
- Internet Services and Applications
- Web-based Enterprise Management, DEN, CIM, XML
- Hosting Strategies for Web-Enabling the Enterprise

## **Area 2: Security and Reliability in Informations Systems and Networks**

- Biometric Security
- Network Security and Protocols (IPSec)
- Cryptographic Techniques and Key Management
- Intrusion Detection and Vulnerability Assessment
- Viruses and Worms
- Network Management
- Identification and Authentication

- Operating Systems Security
- Service and Systems Designs and QoS Network Security
- Fairness Scheduling and QoS Guarantee
- Identity Management
- e-Commerce Security and Reliability Issues
- Data and Systems Security and Privacy

### **Area 3: Wireless Communication Systems and Networks**

- Mobile Services (WASP, ASP, MSP and more)
- Wireless Internet and Mobile System Security
- Wireless LAN and Home area networks
- Wireless and Mobile Computing
- 4G Systems
- GPRS and UMTS
- Broadband Wireless
- Performance Analysis of Wireless Networks
- Network Protocols and Packet Services
- Cellular and Wireless Networks Management
- Application Development Environment & Tools
- Mobile Multimedia Applications
- Wireless Local Loop: LMDS, MMDS

### **Area 4: Multimedia Signal Processing**

- Image and Video Compression
- Digital Audio & Video Broadcasting
- Image and Video Databases
- Multimedia Indexing and Retrieval
- Content Protection and Security
- Speech Coding and Recognition
- Signal Processing for Data Storage
- Universal Multimedia Adaptation
- Multimedia and VoIP - Services & Technologies
- Traffic Modelling for Multimedia
- Authentication and Watermarking
- Audio and Video Streaming (IPv4 / IPv6)
- Multimedia Applications

### **Workshops**

ICETE 2005 expects to host several workshops. If you would like to propose the organization of a workshop to be held in conjunction with ICETE 2005, please contact the secretariat as soon as possible.

## **Keynote Speakers**

ICETE 2005 will have several invited keynote speakers, who are internationally recognized experts in their areas. Their names are not yet confirmed.

## **Tutorials**

ICETE 2005 will include several tutorials, to be lectured the day before the conference opening. If you would like to propose a tutorial for ICETE 2005, please contact the secretariat as soon as possible. Proposals should specify the topic and scope of the tutorial, the background knowledge expected of the participants, and a short CV of the instructor(s).

## **Submission of Papers**

Authors should submit a complete paper in English of up to 8 A4 pages, using the submission procedure indicated below. The program committee will review all papers and the contact author of each paper will be notified of the result, by email. Each paper should clearly indicate the nature of its technical/scientific contribution, and the problems, domains or environments to which it is applicable. Authors must also indicate the conference track to which the paper is submitted. The paper must be carefully checked for correct grammar and spelling.

### **Paper submission procedure**

1. A "blind" paper evaluation method will be used. To facilitate that, the authors are kindly requested to produce and provide the full paper, WITHOUT any reference to the authors. The manuscript must contain, in its first page, the paper title, an abstract and a list of keywords but NO NAMES OR CONTACT DETAILS WHATSOEVER are to be included in any part of this file.

2. The contact author will then use the ICETE web-based submission facility available at the conference web site, <http://www.icete.org/> to enter the contact information of all paper authors plus the file indicated in point 1, above. The facility will automatically send a submission acknowledgement, by email, to the author indicated as "contact author".

The camera-ready format will be enforced only for accepted papers, but authors are encouraged to use it also for paper submissions, in order to reduce extra work later. Two templates are provided at the conference web site: one for Latex and another for MS Word. Due to space limitations in the Proceedings, the camera-ready version will be limited to 8 (eight) pages for full papers, 6 (six) for short papers (progress reports) and 4 (four) for poster presentations. If absolutely needed, it will be allowed to increase the total number of pages, by 4 extra pages. However, for each excess page the author will have to pay an additional fee.

## Publications

All accepted papers will be published in the conference proceedings, under an ISBN reference, in paper and in CD-ROM support. A book including a selection of the best conference papers will be edited and published by a world class publisher, not yet confirmed. The publication of extended versions of outstanding conference papers is also a possibility being discussed with several scientific journals.

## Important Deadlines

Full Paper Submission: 25th February 2005

Position Paper Submission: 15th March 2005

Author Notification: 20th April 2005

Final Paper Submission and Registration: 15th May 2005

## Secretariat

ICETE Secretariat

INSTICC - Institute for Systems and Technologies of Information, Control and Communication

Av. D.Manuel I, 27 r/c esq, 2910-595 Setúbal - Portugal

Tel.: +351 265 520 185

Fax: +351 265 520 186

E-mail: [secretariat@icete.org](mailto:secretariat@icete.org)

Web: <http://www.icete.org>

## Conference Chair

**Joaquim Filipe** (Escola Superior de Tecnologia - IPS, Setúbal, Portugal)

## Program Chair

**Luminita VasIU** (University of Westminster, London, UK)

## Program Committee

Arup Acharyar, IBM TJ Watson Research Center, USA

Ralf Ackermann, TU Darmstadt, USA

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Colin Allison, University of St Andrews, UK

Jörn Altmann, International University, Germany

Abbes Amira, Queen's University Belfast, UK

Lachlan Andrew, Centre of Ultra-Broadband Information Networks (CUBIN), Australia

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Pedro Assunção, Instituto Politécnico de Leiria, Portugal

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Balbir Barn, Thames Valley University, UK

Anthony Bedford, RMIT University, Australia  
Khalid Al-Begain, Mobile Computing and Networking Research Centre,  
University of Glamorgan, UK  
Giampaolo Bella, Dipartimento di Matematica e Informatica, Università di  
Catania, Italy  
Luis Bernardo, Universidade Nova de Lisboa / Uninova, Portugal  
Fernando Boavida, Departamento de Engenharia Informatica, Universidade de  
Coimbra, Portugal  
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Mohammed Boulmalf, UAE University, United Arab Emirates  
Raouf Boutaba, University of Waterloo, Canada  
Rahamat Budiarto, Network Research Group School of Computer Sciences,  
USM, Malaysia  
Roy Campbell, UIUC, USA  
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Florence University, Italy  
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Claudio Casetti, Politecnico di Torino, Italy  
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Lap-Pui Chau, Nanyang Technological University, Singapore  
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Kwok-wai Cheung, The Chinese University of Hong Kong, China  
Ryszard S. Choras, University of Technology & Agriculture, Poland  
Tibor Cinkler, BME TMIT, Hungary  
Rodney Clarke, University of Stafford, UK  
Alexander Clemm, Cisco Systems, USA  
Reuven Cohen, Technion, Israel  
Todor Cooklev, San Francisco State University, USA  
Carlos Cordeiro, Philips Research, USA  
Paulo Lobato Correia, IST, Portugal  
Miguel Correia, LASIGE - University of Lisboa, Portugal  
Simon Courtenage, University of Westminster, United Kingdom  
Bruno Crispo, Vrije Universiteit Amsterdam, Netherlands  
Jun-Hong Cui, University of Connecticut, USA  
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Falko Dressler, University of Erlangen, Germany  
Zhenhai Duan, Florida State University, USA  
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Chiara Francalanci, Politecnico di Milano, Italy  
Mario Freire, University of Beira Interior, Portugal  
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Marco Furini, University of Piemonte Orientale, Italy  
Steven Furnell, University of Plymouth, UK  
Luciano Paschoal Gaspary, Universidade do Vale do Rio dos Sinos

(UNISINOS), Brazil  
Costas N. Georgiades, Wireless Communications Laboratory, USA  
George Giaglis, Athens University of Economics and Business, Greece  
Alfredo Goldman, DCC - IME - USP, Brazil  
Carlos Goulart, Universidade Federal de Viçosa, Brazil  
Lorenzo Granai, Ecole Polytechnique Fédérale de Lausanne (EPFL),  
Switzerland  
Lisandro Z. Granville, Federal University of Rio Grande do Sul (UFRGS), Brazil  
David Greaves, Home Area Networks, UK  
Stefanos Gritzalis, Dept. of Information and Communication Systems  
Engineering, University of the Aegean, Greece  
William Grosky, University of Michigan, USA  
Vic Grout, University of Wales, NEWI, UK  
Ibrahim Habib, CUNY , USA  
Zhu Han, University of Maryland, College Park, USA  
Lajos Hanzo, School of ECS, Univ. of Southampton, UK  
Richard Harris, RMIT University, Australia  
Oliver Heckmann, Multimedia Communications Lab, Darmstadt University of  
Technology, Germany  
Markus Helfert, Dublin City University, Ireland  
Xiaoyan Hong, University of Alabama, USA  
Philippa Hopcroft, Oxford University Computing Laboratory, UK  
Xian-Sheng HUA, Microsoft Research Asia, China  
Mario Huemer, University of Erlangen-Nuremberg, Germany  
Geoff Huston, Telstra, Australia  
Gianluca Iannaccone, Intel Corporation, UK  
Youssef Iraqi, University of Waterloo, Canada  
Arun Iyengar, IBM Research, USA  
Hamid Jahankhani, University of East London, School of Computing and  
Technology, UK  
Alejandro Jaimes, FXPAL Japan, Fuji Xerox Co., Ltd., Japan  
Nigel Jefferies, Vodafone, UK  
Elias P. Duarte Júnior, Federal University of Paraná, Brazil  
Chung Gu Kang, Korea University, Korea  
Atreyi Kankanhalli, National University of Singapore, Singapore  
Mohan Kankanhalli, National University of Singapore, Singapore  
Ahmed Karmouch, Multimedia and Mobile Agents Research Laboratory,  
Canada  
Martin Karsten, University of Waterloo, Canada  
Andreas J. Kassler, Karlstad University, Sweden  
Roger Kermode, Smart Internet Technology Cooperative Research Centre,  
Australia  
Michael Koch, Power PLUS Communications AG, Germany  
Stefanos Kollias, Image, Video and Multimedia Systems Lab (IVML), National  
Technical University of Athens, Greece  
Mladen Kos, University of Zagreb, Croatia  
Srisankar Kunniyur, Motorola, India  
Wing Kwong, Hofstra University, USA  
Bjorn Landfeldt, University of Sydney, Australia  
Elaine Lawrence, University of Technology Sydney, Australia

Michael Lew, LIACS Media Lab, Leiden University, Netherlands  
Lundy Lewis, Southern New Hampshire University, USA  
Jie Li, University of Tsukuba, Japan  
Antonio Liotta, University of Surrey, UK  
Justin Lipman, Alcatel Shanghai Bell, China  
Chunlei Liu, Troy University, USA  
Jiangchuan Liu, Simon Fraser University, Canada  
Kecheng Liu, The University of Reading, UK  
Pascal Lorenz, University of Haute Alsace, France  
Antônio F. Loureiro, Universidade Federal de Minas Gerais, Brazil  
Iara Machado, SBC - Brazilian Computer Society, Brazil  
Thomas Magedanz, Fraunhofer FOKUS, Germany  
Enrico Magli, Politecnico di Torino, Italy  
Qusay H. Mahmoud, University of Guelph, Canada  
Sam Makki, University of Toledo, USA  
Manu Malek, Stevens Institute of Technology, USA  
Manuel P. Malumbres, Technical University of Valencia (UPV), Spain  
Hong Man, Stevens Institute of Technology, USA  
Guoqiang Mao, The University of Sydney, Australia  
Shiwen Mao, Virginia Tech, USA  
Andreas Maras, University of Peloponnese, Greece  
Alan Marshall, Queen's University of Belfast, UK  
Saverio Mascolo, Politecnico di Bari, Italy  
George Mathew, National University of Singapore, Singapore  
Kanta Matsuura, University of Tokyo, Japan  
Madjid Merabti, School of Computing & Maths, Liverpool John Moores University, UK  
Nader Mir, San Jose State University, USA  
Majid Mirmehdi, University of Bristol, UK  
Edmundo Monteiro, University of Coimbra, Portugal  
Hiroyuki Morikawa, The University of Tokyo, Japan  
Yunmook Nah, Dankook University, Korea, Republic of  
António Navarro, Aveiro University, Portugal  
Jason Nieh, Columbia University, USA  
Ulrich Ultes-Nitsche, University of Fribourg, Switzerland  
Sven Nordholm, WATRI, Australia  
Mohammad S. Obaidat, Department of Computer Science, Monmouth University, USA  
Tomoaki Ohtsuki, Tokyo University of Science, Japan  
Luis Orozco, Universidad de Castilla La Mancha, Spain  
Lisa Osadciw, Syracuse University, USA  
Andrzej R. Pach, AGH University of Science and Technology, Poland  
Algirdas Pakstas, London Metropolitan University - North Campus, UK  
Kihong Park, Purdue University, USA  
Marios Pattichis, The University of New Mexico, USA  
Wen-Chih Peng, National Chiao Tung University, Taiwan  
Andrew Perkis, Quantifiable Quality of Service for Communication Systems (Q2S) - Centre of Excellency, Norway  
Mario Petrizzelli, Universidad de Carabobo, Valencia, Venezuela  
Yves Pigneur, University of Lausanne, Switzerland

Edward L. Pinnes, Telcordia Technologies, USA  
Andreas Pitsillides, Department of Computer Science, University of Cyprus, Cyprus  
Thomas Plagemann, Department of Informatics, University of Oslo, Norway  
Symon Podvalny, Voronezh State Technical University/Russian Academy of Natural Science, Russia  
George Polyzos, AUEB, Greece  
Bart Preneel, K.U.Leuven, Belgium  
Maria Paula Queluz, IST - Technical University of Lisbon, Portugal  
Nicholas Race, Lancaster University, United Kingdom  
Sureswaran Ramadass, School of Computer Science, Malaysia  
Dipankar Raychaudhuri, WINLAB, Rutgers University, USA  
Carlo Regazzoni, Univ. of Genova, Italy  
Peter Reichl, Telecommunications Research Center FTW Vienna, Austria  
Martin Reisslein, Arizona State University, USA  
Shangping Ren, Illinois Institute of Technology, USA  
António Rodrigues, IST - Technical University of Lisbon, Portugal  
César Vargas Rosales, IEEE, ITESM-Monterrey, Mexico  
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Narcyz Roztocki, State University of New York (SUNY) at New Paltz, USA  
Stefan Rueger, Imperial College London, UK  
Abdulmotaleb El Saddik, University of Ottawa, Canada  
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Hans Scholten, University of Twente, the Netherlands  
Bruno R. Shulze, LNCC, Brazil  
Salah Al-Sharhan, Computer Science Department, Gulf University for Science and Technology, KUWAIT  
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Timothy K. Shih, Computer Science and Information Engineering, Tamkang University, Taiwan  
Charles Shoniregun, University of East London, UK  
Khaled Shuaib, UAE University, United Arab Emirates  
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José Neuman de Souza, Universidade Federal do Ceara, Brazil  
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Ivan Stojmenovic, University of Ottawa, Canada  
Suresh Subramaniam, George Washington University, USA  
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Lily Sun, University of Reading, UK  
York Sure, University of Karlsruhe, Germany  
Neeraj Suri, TUD, Germany  
Violet Syrotiuk, Arizona State University, USA  
Yutaka Takahashi, Kyoto University, Japan  
Thanassis Tiropanis, Athens Information Technology Centre, Greece  
Henri Tirri, Nokia Research Center, Finland  
George Tombras, University of Athens, Greece  
Luis Torres, Technical University of Catalonia, Spain  
Wade Trappe, WINLAB, Rutgers University, USA  
Yu-Chee Tseng, National Chiao Tung Univ., Taiwan

Rui Valadas, Universidade de Aveiro, Portugal  
Emmanouel (Manos) Varvarigos, University o Patras, Greece  
Enrique Vazquez, Technical University of Madrid (UPM), Spain  
Anibal R. Figueiras Vidal, Departamento de Ingeniería Telemática, Univ Carlos  
III de Madrid, Spain  
Bartel Van de Walle, Tilburg University, Netherlands  
Yu Wang, University of North Carolina at Charlotte, USA  
Hans Weghorn, BA-University of Cooperative Education, Stuttgart, Germany  
Robert Weigel, University of Erlangen-Nuremberg, Germany  
Susanne Wetzel, Stevens Institute of Technology, USA  
Erik Wilde, ETH-Zentrum, Switzerland  
Andreas Wombacher, University of Twente, Netherlands  
Kainam Thomas Wong, University of Waterloo, Canada  
Hongyi Wu, University of Louisiana at Lafayette, USA  
Jim Wu, University of Western Sydney, University of Western Sydney  
Chunsheng Xin, Norfolk State University, USA  
Alec Yasinsac, Florida State University, USA  
Bulent Yener, Rensselaer Polytechnic Institute, USA  
Boon Sain Yeo, Institute for Infocomm Research, Singapore  
Qinghe Yin, Institute for Infocomm Research, Singapore  
Hee Yong Youn, Sungkyunkwan University, Korea, Republic of  
Chan Yu, Cleveland State University, USA  
Soe-Tsyr Yuan, National Chengchi University, Taiwan  
Gergely Zaruba, The University of Texas at Arlington, USA  
Ty Znati, University of Pittsburgh, USA  
Alf Zugenmaier, Microsoft Research, UK

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