EATIS 2016, COLOMBIA
8th Euro American Conference on Telematics and Information Systems
27-29 April 2016
Cartagena, Colombia
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TOWARDS SMART CITIES

IEEE

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During 2014, it is a pleasure to inform you that EATIS conference was recognized by the Computing Research & Education (CORE).

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The 8th Euro American Conference on Telematics and Information Systems (EATIS 2016) will be held in Cartagena, Colombia on 27-29th April 2016. EATIS 2016 is focused on the communities, contents and technologies belonging to smart cities, for instance: e-Inclusion, e-Government, e-Health, e-Learning, e-Culture, e-Transport (Intelligent Transportation Systems - ITS) and e-Entertainment (local, regional, national and international), Internet of Things, Big Data, Web Semantic, and Web 2.0. In particular, EATIS 2016 encourages the use of Information System (IS), Information and Communication Technologies (ICT) and Telematics Systems, making it easier for citizens to access government and public services at various levels, without any adverse impact on ethic aspects.

Cartagena de Indias is one of the most beautiful treasures from the Caribbean. A city in which three natures live together: the old Spanish colonial city, full of history of pirates, gold, inquisition and the fight for freedom; the new modern city, full of high rise constructions, boutique, local and international gastronomy and more; one of the favorite destinations for world-class events.

TOPICS OF INTEREST

Areas of interest include and are not limited to the following topics:

- **Relationship between the Web Architecture and other computational areas**
  - Software Engineering and Web Information Systems
  - Frameworks and software architectures
  - Web-based Artificial Intelligence
  - Intelligent Agents
  - Knowledge Acquisition and Representation
  - Information Retrieval and Filtering
  - Data and Text Mining
  - Automatic Control Web-based systems
  - Metrics Quality Assurance
  - Authentication and/or repudiation Systems
  - Web Security
  - Architectures Systems for smart cities
  - Systems of Systems for smart cities
- **Web-based Systems**
  - (Semantic) Web Services
  - Automatic discovery of Web services
  - Choreography of Web services technologies
  - Proof and Trust on the Semantic Web
  - Merging/Aligning/Combining Ontologies
  - Semantic Web applications
  - Semantic interoperability
  - XML, Domain mark-up languages (XBRL, HR7, etc.)
  - Relational Databases/XML bridges, Native XML DB
  - Vertical-Domain Applications (ITS, Healthcare, Law,etc.)
  - Enterprise Applications Integration (EAI)
  - (ITS, Healthcare, Law Smart Cities,etc.)
- **Human-Computer Interaction**
  - Accessibility and therapeutic uses of interaction
  - Adaptive, adaptable, intelligent user interfaces
  - HCI and citizenship
  - HCI impacts on society
  - Internationalization and cultural aspects of HCI
  - Legal issues in HCI
  - Natural interaction
  - Social: interaction, computing
  - Speech interfaces
  - Tactile interfaces
  - Usable privacy and security tools
  - Usability engineering
  - Web engineering and Web accessibility

- **Special Track: Intelligent Transportation Systems**
  - Traffic Management
  - Payment Systems
  - Traveller Information
  - Public Transport
  - Freight and Commercial Transport
  - Intelligent Vehicle Safety
  - Vehicle-Infrastructure Cooperation
  - Intelligent Road Infrastructure
  - Communications and Technology Emerging
  - Smart Cities and ITS
- **Distributed Systems**
  - Grid Computing
  - Peer-to-peer computing
  - Cloud computing (smart cities scope)
  - Service computing, Multi-agent systems
  - Green computing
  - Big data
  - Smart Cities Applications
- **Mobile Computing and Applications**
  - Internet of Things or Ubiquitous computing
  - Internet access and applications
  - Mobile Multimedia
  - Multi-modal architectures and applications
  - M-Commerce, M-Learning and M-Entertainment
  - Location Bases Services
  - Data mining concepts for location based services
  - Security and privacy in location based services
  - GPS applications, Location Based Services
  - MMS frameworks and architectures
  - In-car and GIS based systems
  - Video-conferencing and Tele-presence
  - Context aware applications
  - Security and Quality of Mobile Internet Applications
  - Wireless Sensor Networks
- **Web Technologies and Society**
  - Web: internationalization
  - E-government, E-learning, E-Business
  - Biometrics techniques and privacy
  - Videoconferencing and Tele-presence
  - Preservation of Digital Culture
  - Business Intelligence Applications

IMPORTANT DEADLINES

Submission of full papers: 20th November 2015;
Submission of tutorial proposals: 13th November 2015;
Notification of acceptance: 25th January 2016;
Submission of camera-ready papers: 18th March 2016
NOTE: Proceedings of EATIS 2016 published by ACM Digital Library within its International Conference Proceedings Series (ISBN: 978-1-4503-4043-4)

PAPER SUBMISSION: visit our page to submit your paper

We solicit submissions of high-quality full papers reporting original and novel research results on all above topics. Papers must be written in **English, Spanish or Portuguese**, unpublished and not submitted elsewhere. All submitted papers will be peer-reviewed. Critical parameters will include originality, significance, relevance, technical soundness, and language clarity. • Short papers (with max 4 pages) • Full papers (with max 8 pages) Short papers will be presented in panel/poster sessions in English but full papers will be presented in English or Spanish languages. Papers written in Spanish or Portuguese must have abstract, title and keywords in English. All short papers accepted will be presented as poster in a Poster Session. Poster dimensions are 96 cm (height) x 70.5 cm (width). Proposals and papers must be formatted according to the author guidelines set down by ACM. The ACM SIG Proceedings Templates are available at official site for ACM Proceedings Format. Authors of the best 20/30 % papers will be invited to submit extended papers, which will be further peer-reviewed for potential inclusion in special issues of the international journals. *In addition, our conference has the support of a special edition of Journal IEEE ITS magazine where it will be published the best papers.*

CALL FOR TUTORIAL PROPOSALS

Proposals are invited for half-/full-day tutorials on topics of interest of the conference. • Proposals for tutorials and seminars (with max 3 pages) Official conference language will be English, Spanish and Portuguese. Proposals must be submitted on and include title, abstract, full contact information, introduction to the subject, preferred length, past history, biography of the lecturer, detailed outline.