5th Latin American Conference on Networked and Electronic Media (LACNEM-2013)

1st Workshop in Applied Maths to be held In The "Región Cafetera" - WAMRC

Call for Papers

1-4 September 2013
Manizales - Colombia

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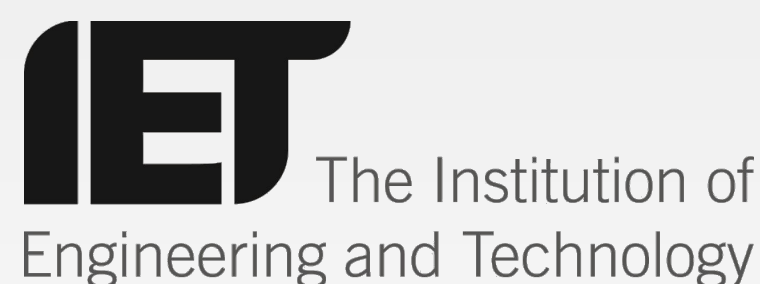Universidad Nacional (CO)

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IET The Institution of Engineering and Technology

Kingston University London
Digital Imaging Research Centre

MMV Multimedia and Vision Research Group
Queen Mary University of London

PCM Computational Applications

DIMA Manizales' Research Directorate (UN)
FCEN Faculty of Exact and Natural Sciences (UN)

Aims And Scope

Electronic Media is related to the storage and delivery of multimedia data using electromechanical energy to access content. Networked and Electronic Media (NEM) is the convergence of media, communications, consumer electronics, and information technology by taking advantage of generalized broadband access, increased mobility, availability of richer media formats and contents, as well as new home networks and communications platforms.

The Latin American Conference on Networked Electronic Media focuses on fostering close links between Latin American and non Latin American players from academia and industry and intends to provide an ideal forum for researchers, practitioners and educators to discuss results and advancements in the field of Networked and Electronic Media (NEM), in a high quality and peer reviewed environment. Talks on hot topics and tutorials will be given by keynote speakers. Full papers (6 pages max.) from academia, industry, NGOs and others should follow the conference guidelines for formatting and must be submitted via the online submission system. Accepted papers in English will be considered for indexing in INSPEC/IEEE Xplore. Further details on http://www.lacnem.org/.

Keynote Speakers

Aggelos Katsaggelos Northwestern University (US)
Ebroul Izquierdo Queen Mary University of London (UK)
Pierre Boulanger University of Alberta (CA)
Emanuele Trucco University of Dundee (Scotland, UK)

Special Sessions

Multimedia & Security
Signal Processing
Applied Physics
Applied Mathematics
Industrial/Medical Applications
Bioinformatics

Topics (indicative, not exclusive list)

Multimedia

- Applications in Environmental Science, Biology and Medicine
- Cross-Layer and Cross-System Optimization
- Dynamic Resource Management and Bandwidth Assignment for Multimedia in Heterogeneous Wireless Networks
- IMS for Multimedia Services in Next Generation Networks
- Interactive Storytelling
- Multimedia Signal Processing
- Multi-view Stereo, Advanced Rendering and Visualization
- Novel Networked Media Systems to Support Human Creativity at the Cross Roads of ICT and Arts and Design Research
- Personalized Access to Media Systems
- P2P Multimedia
- QOE Multimedia for Future Internet
- Security Mechanisms and Mobility Management in Cooperative Networks
- Trust, Privacy, Security and Protection of Multimedia
- User and Device Location in Next Generation Networks
- User Interface Design and Evaluation
- User Generated Content Creation, Management and Consumption Systems

Video & Image Analysis and Processing

- Image Processing
- Video Understanding

Linguistics engineering & Information Retrieval

- Visual and Semantic Information Retrieval
- Question Answering
- Natural Language Processing
- Automatic Summarization
- Machine Translation
- Information Extraction
- Sentiment Analysis
- Semantic Similarity

We are encouraging the contribution of applied physics and mathematics papers

- Image and Signal Processing
- Data and Big-Data Analysis
- Analysis, Algebra, Geometry and Topology Applications

Important dates

- Paper submission deadline, 31 May 2013
- Notification of acceptance, 21 June 2013
- Camera-ready papers, 12 July 2013
- Early registration deadline, 12 July 2013