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Third IEEE International Conference on Digital Ecosystems and Technologies (IEEE-DEST 2009)

Special theme: Cyber Engineering and Human Space Computing

Istanbul, Turkey

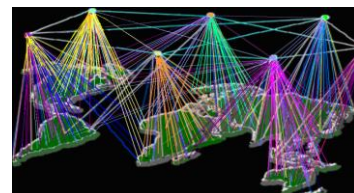
1-3 June 2009

Tutorials and Workshops on 31 May 2009

www.ieee-dest.curtin.edu.au/2009

The **digital ecosystem** is defined as an open, loosely coupled, demand-driven, domain clustered, agent-based self organized collaborative environment where species/agents form a temporary coalition (or longer term) for a specific purpose or goals, and everyone is proactive and responsive for its own benefit or profit. The essence of digital ecosystems is creating value by making connections through collective intelligence. Digital Ecosystems promote collaboration instead of unbridled competition and ICT based catalyst effect in a number of domains to produce networked enriched communities.

Digital Ecosystems is empowered by the cyber engineering and human space computing. **Cyber engineering** studies the digital horizon in our ecosystems, also known as Cloud computing. It encompass the semantic web, Ontologies, cyber security, privacy, trust and risk management, social networks, web 2.0, 3.0, Convergence technologies, web services and grid technologies. **Human space computing** is about the study of the technology (Bluetooth, WiFi, IRDA, RFID, GSM, GPRS, 3G Digital Pens, PDAs, Mobile Phones , VoIP, Video, Voice, Data, other devices) for improvement of our human lives, not just organizations, business and government. It studies the world we live in, and personal space computing, our space, between the digital skyline and our ecosystems. Prospective participants are invited to electronically submit a full paper (6 pages, about 4500 words, pdf or WinWord file) of their original work following the IEEE instructions available on the website of the conference. Each paper will undergo a rigorous peer reviewed process involving at least two reviewers.



Tutorial, Workshops and Special Session Proposals Due	30 September 2008
Full Paper Submissions	1 February 2009
Paper Acceptance Notifications	1 March 2009
Final 'Camera Ready' Papers Due	15 April 2009
Tutorials and Workshops	31 May 2009
Conference	1-3 June 2009

The main conference theme is to strengthen ICT to support different digital ecosystems, especially focusing on cyber engineering and human space computing. It is the study of triangle relationship between industries, human endeavours and advanced ICT. We are interested in papers, work-in-progress reports, and industrial experiences describing advances in all areas of digital business applications. Topics of interest include, but are not limited to:

- Collaborative and Connectivity in Digital Ecosystems
- Models of Open Transactions in Digital Ecosystems
- Democratising collaborative research patterns
- Performance and Evaluation of Digital Ecosystems
- Intelligent Digital Ecosystems and Technologies
- Emerging Concepts in the Field of Ecosystems
- Service-oriented Collaborative Platforms
- Infrastructure for Digital Ecosystems
- Mechatronics for digital ecosystems
- Knowledge Mapping and Modelling
- Interdisciplinary Ecosystems Research
- Human Collective Intelligence
- Analytics and Visualisation
- Digital Business Ecosystems
- Self Organisation of Agents
- e-Learning Ecosystems
- Security and Privacy
- Health Ecosystems
- Social Networks
- Trust and Risk
- e-Humanities
- Students' Research Track



Invited Inspiration Keynote Speakers:

- Dr. Michael L. Brodie**, Verizon Communications
- Prof. Tharam Dillon**, DEBI Institute, Curtin Uni. Australia
- Prof. Mihaela Ulieru**, Uni. New Brunswick, Canada

ISTANBUL

Turkey's history leads back from the Byzantium to Constantinople to the head of the Ottoman Empire. Istanbul is Turkey's cultural heart and a modern city combined.

Thought of as the city of mosques, you can explore the ancient and austere works of sublime architecture.

Take a cruise on the Bosphorus (known in Turkish as Bogazici - the Strait), visit such places as Hagia Sophia, the Blue Mosque, Topkapi Palace and don't forget to allow time to wander the colourful bazaars especially the Grand Bazaar (Kapalicarsi) which is one of the oldest and most crowded in the world. Be sure to take time to sip renowned Turkish tea and coffee and enjoy a Turkish bathhouse.

