



2nd Call for Papers

IEEE-DEST 2008

IEEE International Conference on Digital Ecosystems and Technologies

Creating value by Making Connections

Naresuan University

Phitsanulok, Thailand

26 – 29 February 2008

www.ieee-dest.curtin.edu.au/2008

The digital ecosystem is defined as an open, loosely coupled, domain clustered, demand-driven, self-organising collaborative environment, where each species is proactive and responsive for its own benefit or profit.

Digital Ecosystems are essentially about creating value by making connections in different domains through the use of the modern networked society and economy supported by different forms of collaborative IT frameworks. They lie at the intersection between industry, business, human endeavours, social science, and cutting edge internet technologies and is application driven research.

The underlying technologies that support digital ecosystems have several different variants including semantic web, ontology based knowledge sharing, self organizing intelligent agents, trust and recommender systems, web services and platform based systems. Any given digital ecosystem could rely on one or more of these technologies.

Digital ecosystems capture the essence of the classical, complex ecological environment in nature, where organisms form a dynamic and interrelated complex ecosystem. They conserve and utilise the environment and its resources. This analogy is a new mind-set and way of thinking in the *Digital Economy*. Digital ecosystems transcend the traditional, rigorously defined collaborative environments, such as centralised (client-server) or distributed models (such as peer-to-peer) or hybrid model (such as web services) into a self-organised, interactive environment which offers cost-effective digital services and value-creating activities that attract human, organisational and software agents that participate in and benefit from it.

The conference provides a forum for both IT frameworks to support collaboration in its different forms and domain based collaboration's supported by the digital networked paradigm such as e-humanities, cultural ecosystems, and economic systems.

This conference series helps worldwide researchers further their understanding and broad application of the digital ecosystem ideas, principles and architecture in industry, business, government, social science and other domain disciplines to enhance the productivity, growth, prosperity and social, cultural and economic balance and sustainability.

The main conference theme is to strengthen ICT to support digital ecosystems in different domains, especially focusing on the architectural triangle between industries, human endeavours and advanced ICT. It includes conceptual frameworks, architectures, self-organising infrastructures, ambient intelligence, autonomous agents, e-humanities, social networks, and service-oriented collaborative platforms.

A special focus of this conference is **collaboration** instead of unbridled competition and ICT based catalyst effect in a number of domains to produce network enriched communities.

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Proudly announcing IEEE-DEST 2008 Keynote Speakers



Dr. Francesco Nachira
 Head of " Technologies for Digital Ecosystems"
 research area at European Commission

Keynote: Digital Business Ecosystems: EU research perspectives and regional deployments



Prof. Carles Sierra
 Professor at the Artificial Intelligence Research
 Institute of the Spanish Research Council

Keynote: Agents, Information, and Negotiation

IMPORTANT DATES

Tutorial, Workshop and Special Session Proposals	31 July
Full Paper Submission Closing Date	14 October
Paper Acceptance Notifications	15 November
Final 'Camera Ready' Papers Due	31 December
Tutorials and Workshops	26 February
Conference	27-29 February
Tour	1 March

PAPERS ARE CALLED FOR ON THE FOLLOWING FIELDS (BUT NOT LIMITED):

- Digital Business Ecosystems for Small Medium Enterprises
- Digital Business Ecosystems for Large Enterprises
- Political and Economic Impacts of Digital Ecosystems
- Performance and Evaluation of Digital Ecosystems
- Intelligent Digital Ecosystems and Technologies
- Social Science Research in Digital Ecosystems
- Emerging Concepts in the Field of Ecosystems
- Collaborative Systems for Digital Ecosystems
- Service-oriented Collaborative Platforms
- Interdisciplinary Ecosystems Research
- Platform based Extended Enterprises
- Infrastructure for Digital Ecosystems
- Digital Business Ecosystems
- Self Organisation of Agents
- Sociology of Ecosystems
- e-Learning Ecosystems
- Security and Privacy
- Social Networks
- Trust and Risk
- e-Humanities
- Students' Research Track



CALL FOR TUTORIALS, WORKSHOPS AND SPECIAL SESSIONS

We invite proposals for tutorials, workshops and special sessions to be held in conjunction with the 2008 Second IEEE International Conference on Digital Ecosystems and Technologies (IEEE-DEST 2008). Please submit a full proposal to the conference manager stating your objectives, intended audience, associated costs, projected attendees, committee members and their affiliations and estimated duration of your session, workshop or tutorial. Full proposals are due by 31 July 2007.

THAILAND

Phitsanulok offers a mixture of historical temples, wonderful food, and a nearby national park. Having spent a few decades as the country's capital in the 15th century, it is now a busy city with plenty to see and do. Eating is an experience here, as there are hundreds of restaurants and food vendors: try those on the Nan River for waterside dinners. There is one of Thailand's most graceful and sacred Buddha images that sits in the 14th C Wat Phra Sri Rattana Mahathat (Wat Yai); Sukhothai is a huge historical park. A World Heritage Site is near by with a hundred-or-so temple sites.



For further information please contact the Conference Secretary:

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