



The 2nd IEEE International Conference on Networked Embedded Systems for Enterprise Applications (NESEA 2011)

The 2nd IEEE International Conference on Networked Embedded Systems for Enterprise Applications (NESEA 2011)

8-9 December, 2011
Fremantle, Perth, Australia

Fundamental research from the various specializations of networked embedded systems has been applied to tackle a wide range of problems. However, current approaches often lack consideration of how networked embedded systems should be integrated with enterprise architectures. NESEA aims to gather the best expertise in this field, to drive research towards the integration of embedded systems and enterprise architectures and promote the use of networked embedded systems in diverse applications such as energy monitoring and conservation. Topics of Interest include, but are not limited to:

- **Networked Embedded Systems:** Wireless Sensor Networks, Ubiquitous and Pervasive Computing and Mobile embedded devices.
- **Networking Support:** Cost and QoS aware routing protocols, adaptable networking support and Service Discovery.
- **Programming Abstractions:** Component models, Service Oriented Architectures, Policy Based Management and Macro-Programming.
- **Middleware:** middleware for embedded systems and integration of embedded systems with business logic.
- **Development Support:** Testing, modeling and simulation tools and deployment planning and support.
- **Business Applications of Embedded Systems:** Energy monitoring and conservation, Logistics and supply chain monitoring, Smart electrical power grids and medical sensor networks.

The conference will be held at the Esplanade Hotel in Fremantle, Perth in Australia. Located in the Western Australia on the Indian Ocean, Fremantle offers a well connected, relaxed setting for the conference close to the modern and vibrant city of Perth. Beautiful beaches are a short walk away.

Organising Committee:

General Chair: **Danny Hughes**, Xi'an Jiaotong-Liverpool University, China.
Local Chair: **Kevin Lee**, Murdoch University, Australia.
Treasurer: **David Murray**, Murdoch University, Australia.
TPC Chair: **Christophe Huygens**, K.U Leuven, Belgium.

Programme Committee:

Sarfraz Alam, Uni. Of Oslo, Norway.
Azer Bestavros, Boston University, USA
Rabindra Bista, Chonbuk National Uni., Korea
Jinjun Chen, Swinburne Uni., Australia
Geoff Coulson, Lancaster University., UK
Pedro Javier del Cid, K.U. Leuven, Belgium.
Gunther Diederich, Uni. of Bremen, Germany.
Simon Dobson, Uni. of St. Andrews, UK
Kiel Gilleade, Liverpool JMU, UK
Richard Grant, Milliam Technologies Ltd, UK
Jochen Haller, SAP, Germany
Wen Hu, CSIRO, Australia
Baden Hughes, Event Zero, Australia
Kristof Van Laerhoven, T.U. Darmstadt, Germany
Dean Kramer, Thames Valley Uni., UK
Tomas Krilavicius, Vytautas Magnus Uni., Lithuania
Gareth Lee, Murdoch University, Australia
Gangmin Li, XJTU, China
Neil Loughran, Sintef, Norway
Tokuro Matsuo, Yamagata University, Japan
Luca Mottola, SICS, Sweden
Marimuthu Palaniswami, Uni. of Melbourne, Australia
Duncan McCaffery, Insiris Ltd., UK
Sam Michiels, K.U. Leuven, Belgium
Erel Rosenberg, Correlation Systems, Israel
Marc Stottinger, T.U. Darmstadt, Germany
Amirhosein Taherkordi, Uni. of Oslo, Norway
Biming Tian, Curtin University, Australia
Jo Ueyama, Uni. of São Paulo, Brazil
Daniel Veit, Uni. of Mannheim, Germany
Kaiyu Wan, XJTU, China

Paper Submission:

Submissions should be high quality, original work. Papers should be a maximum of eight pages and formatted according to double-column IEEE conference format. All accepted papers will be published by the IEEE Computer Society and indexed in IEEE Xplore and DBLP.

Associated Journals

The two best papers will be invited for publication in the **Springer Journal of Internet Services and Applications (JISA)**. Other papers of merit will be invited for publication in the International Journal of Design, Analysis and Tools for Integrated Circuits and Systems (IJDATICS).

Full Instructions: www.nesea-conference.org/2011/submission.html

SPONSORS:



Important Dates:

Paper Submission:	22 th Sept. 2011 Extended	Camera-Ready Submission:	29 th Oct. 2011
Review Notification:	15 th Oct. 2011	Registration Deadline:	22 nd Oct. 2011

Conference: 8th – 9th December 2011