



The 3rd IEEE International Conference on Networked Embedded Systems for Every Application (NESEA 2012)

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13-14 December, 2012
Liverpool, UK

Networked Embedded Systems for 'Every Application' (NESEA) aims to gather the best expertise in the field and to promote the use of networked embedded systems in diverse applications. Target specializations of networked embedded systems include: Wireless Sensor Networks, Cyber-Physical Systems, Ubiquitous Computing, Pervasive Computing and Mobile Computing. This year we particularly welcome papers that tackle the integration of heterogeneous embedded systems such as sensor nodes and mobile phones in the diverse areas of energy monitoring, conservation and physiological monitoring. 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 and binding models for embedded systems, Service Oriented Architectures and Macro-Programming languages.
- **Middleware:** middleware for embedded systems, integration of embedded systems with SOA and integration of networked embedded systems with Cloud Computing.
- **Development Support:** Testing, modeling and simulation tools and deployment planning and support.
- **Human Platforms:** Physiological monitoring, body area networks and medical sensor networks.
- **Applications of Embedded Systems:** Energy monitoring and conservation, Logistics and supply chain monitoring and Smart electrical power grids.

Location:

The conference will be held at Liverpool John Moores University. Located in the north west of England, Liverpool offers historic and modern experiences. It is well connected and easily accessible to Europe and the World.

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

Selected papers will be invited for publication in special issue journals. To be announced at the conference.

Full Instructions: www.nesea-conference.org/2012/submission.html

Organising Committee:

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Important Dates:

Paper Submission:	17 th Aug. 2012	Camera-Ready Submission:	25 th Oct. 2012
Review Notification:	21 th Sept. 2012	Registration Deadline:	25 th Oct. 2012

Conference: 13th – 14th December 2012