

## CALL FOR PAPERS

### **1st International Workshop on Quality-of-Service Concerns in Service Oriented Architectures (QoSCSOA'08)**

**<http://www.nicta.com.au/research/projects/egov/qoscsoa08>**

**to be held at:**

**6th International Conference on Service Oriented Computing  
(ICSOC'08)**

**Sydney, Australia, December 1-5, 2008**

**<http://www.icsoc.org/>**

#### ***About the Workshop:***

Service-Oriented Architecture (SOA) is having a substantial impact on the way software systems are developed. Today many systems are being designed and developed using an SOA style. Although some progress has been made on several fronts on addressing QoS concerns in SOAs much research is still needed in addressing QoS issues in the design, development and operation of SOA-based systems. This workshop will focus on techniques and approaches for managing QoS concerns through the entire lifecycle of SOA-based systems. We invite papers that address one or more of the following topics:

- Techniques for determining quality requirements for SOA-based systems
- Techniques, patterns and approaches for handling specific quality attribute requirements in the design of SOA-based systems
- Techniques, patterns and approaches for handling specific quality attribute requirements in the implementation of SOA-based systems
- Deployment and Monitoring of SOA-based systems
- Resourcing models to guarantee specific QoS requirements (virtualisation, grid, etc)
- QoS aspects of virtualised SOA-based systems
- Assessment techniques and approaches for specific qualities of SOA-based systems including modelling and simulation of specific qualities
- Service Level Agreements (SLAs) in an SOA context including development and negotiation
- Validation of properties/service qualities in SOA-based systems
- Economics of handling specific QoS requirements in SOA-based systems
- Managing QoS concerns for SOA-based systems throughout the entire software life cycle
- Autonomic QoS management in SOA-based systems
- Relationship of QoS of SOA-based systems to the underlying business processes

#### ***Submissions:***

Papers should be no more than 10 pages and prepared in accordance with the Springer/LNCS format. Detailed instructions for authors are available on the LNCS website at

<http://www.springer.de/comp/lncs/authors.html>.

Papers to be submitted at URL:

<http://www.easychair.org/conferences?conf=qoscsoa08>

Proceedings of the workshops will be published by Springer.

**Workshop Format:**

Workshop duration: Half day (15 – 20 min. presentations by authors of accepted papers with time for discussion of specific topics).

**Important Dates:**

|                             |                   |
|-----------------------------|-------------------|
| Paper Submission:           | October 6, 2008   |
| Notification of Acceptance: | November 3, 2008  |
| Camera ready Copy:          | November 21, 2008 |
| Workshop:                   | December 1, 2008  |

**Workshop Organisers:**

|              |                  |
|--------------|------------------|
| Liam O'Brien | NICTA, Australia |
| Paul Brebner | NICTA, Australia |

**Program Committee:**

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|-----------------------|--|
| Rick Kazman           | University of Hawaii, USA              |
| Mark Klein            | Software Engineering Institute, USA    |
| James Skene           | University College London, UK          |
| Alexander Totok       | IBM TJ Watson Research Center, USA     |
| Carol Woody           | Software Engineering Institute, USA    |
| Liming Zhu            | NICTA, Australia                       |
| Anna Liu              | Microsoft, Australia                   |
| Siobhan Clarke        | Trinity College Dublin & Lero, Ireland |
| Massimiliano Di Penta | RCOST, Italy                           |
| Phil Bianco           | Software Engineering Institute, USA    |
| Grace Lewis           | Software Engineering Institute, USA    |
| Thong Nguyen          | DSTO, Australia                        |

**Further Information:**

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