In conjunction with the 36th COMPSAC

6th IEEE INTERNATIONAL WORKSHOP ON:
Requirements Engineering For Services
Theme: Requirements for Services Evolution

Services are emerging as a leading network computing paradigm as well as a dominant form of socio-economic organizations. The commonalities and synergies among service concepts across the levels of IT infrastructure and business and social organization will lead to powerful innovations and new developments. Requirements engineering is recognized as a critical area in software and systems engineering. To continue the on-going discussions from REFS 07, 08, 09, 10 and 11, we expect to invite active researchers and practitioners from all over the world to share their knowledge in intensive discussion to develop new ideas, new strategies, and new collaborations on topics relevant to requirements for services, in particular, how to build trustworthy, adaptive and evolving software services that satisfy users’ requirements on environment friendliness, security, trust, dependability, among others. Example questions of interest include: what requirements engineering methods and techniques are suitable for a service-oriented environment? What adaptations, extensions, or re-conceptualizations will be needed? How can requirements engineering contribute to a new discipline of services engineering and management? Will service orientation lead to a rethinking of the field of requirements engineering? How to specify, model, and evaluate the trustworthiness of services? How to make today’s business and IT services smarter to adapt better to the requirements and surrounding environments?

Topics of interest include, but are not limited to, the following:

- Service requirements models and descriptions
- Service requirements identification, elicitation and acquisition, communication, negotiation, and validation
- Service requirements analysis and design methods
- Service engineering and management processes
- Knowledge engineering and management for smart services
- Service ontologies, metrics, and benchmarks
- QoS modeling and evaluation frameworks
- Trust, delegation and negotiation models for services
- Security, privacy, and safety for services
- RE techniques for business process redesign
- RE techniques for business modeling and value analysis
- RE techniques for services discovery and composition
- RE techniques for service quality
- Conceptual frameworks for RE and services
- RE techniques for aligning business services and computational services
- RE techniques for adaptation and agility in services
- RE techniques for socio-technical analysis and design of smart services
- RE and SSME techniques for lifecycle management

Submission of papers: Manuscript for submission should be written in English and be no longer than 6 pages (including tables and figures). See COMPSAC website for formatting instructions http://www.compsac.org. Electronic version of the papers in PDF or postscript files should be submitted to the workshop, using the submission page from COMPSAC 2012, before the submission deadline.

Important dates
- Submission: 15 March 2012
- Notification of acceptance: 9 April 2012
- Camera-ready copy: 2 May 2012

Selected papers will be invited to submit an expanded version to be published in an international scientific journal.

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