Call for papers for the

**1st International Workshop on Knowledge Management in Software Engineering** (KMISE)

to be held in conjunction with the KESE’13

Knowledge management (KM) has been recognized as an essential component of knowledge-intensive processes, such as software engineering. Current software development processes suffer all too often from inappropriate project costs and duration estimations, cancelation and failures. The developed software product is frequently found fragile and unreliable; not fully complying with the requirements; difficult to upgrade and more. KM can facilitate software engineering by different ways, e.g., increasing the reuse of development experience, processes and products and creating a communication layer between developers and end-users. Current KM systems enable to organize the accumulated experience for better storage and retrieval and open internal communication channels within the development teams and external communication channels between the organization and the end-users, throughout the development and integration processes.

The Knowledge Management in Software Engineering workshop will focus on research that examines real settings where KM is embedded in SE, evaluating its role and influence on the software development process and its outcomes. The workshop aims at discussing the current state of ongoing research, industry needs, future trends, and sharing practical experiences, involving both academics and practitioners. KMISE is an interactive workshop that aims to connect participants and establish long-term collaborations between them.

Submitted papers will be evaluated on the basis of significance, originality and technical quality. Submissions must be in PDF or DOC format. Papers should clearly establish the research contribution and the relation to previous research. Members of an international and solid program committee will review all submissions.

We invite to submit long research papers (up to 6 pages) short position papers (up to 3 pages) or posters. Manuscript must include a 200-word abstract and [2-column formatted Manuscript for Conference Proceedings](http://www.ksi.edu/seke/Conf_Template.dot) (include figures and references but exclude copyright form), using the URL: <http://conf.ksi.edu/seke2013/submit/SubmitPaper.php> and choosing paper type workshop:Knowledge Management in Software Engineering.

**Suggested topics:**

* Tools and technologies for managing knowledge in SE
* Methodologies for embedding KM practices in SE
* Empirical evidence for implementing KM in SE: risks, costs and benefits, and lessons learned
* KM models in SE
* Key performance indicators (KPI’s) for measuring and evaluating the influence of KM
* Incentive programs for enhancing KM adoption
* KM in worldwide-distributed development teams
* KM contribution to efficiency (e.g. reuse, cost reduction)
* SE developer satisfactions.

**Important Dates:**

* Paper submission deadline: 1th March 2013
* Notification of acceptance: 20rd April 2013
* Camera ready: 10rd May 2013
* Workshop day: (TBD)

**Organizers:**

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**Organizing committee:**

* Ali Babar, University of Copenhagen, Denmark
* Dov Teeni, Tel-Aviv University, Israel
* Orit Hazzan, Technion-Israel Institute of Technology, Israel
* Eitan Farchi, IBM, Israel
* Lior Lemonad, IBM, Israel
* Nava Pliskin, Ben-Gurion University of the Negev, Israel
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* Roy Gelbard, Bar-Ilan University, Israel
* Stefan Biffl, Vienna University of Technology, Austria
* Meliha Handzic, International Burch University, Bosnia and Herzegovina
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