Model-Driven Requirements Engineering (MoDRE) Workshop

Karlskrona, Sweden - August 25, 2014

http://www.modre2014.ece.mcgill.ca/

co-located with
22nd IEEE International Requirements Engineering Conference (RE'14)

Call for Papers

Model-Driven Development (MDD) is a new paradigm for software development where models are no longer simple mediums for describing software systems or only facilitating inter-team communication. In MDD, models become *first-class citizens*, and a software system is obtained through the definition of different models at different abstraction layers. Models of a certain abstraction layer are derived from models of the upper abstraction layer by means of automatic model transformations, providing faster and more reliable results.

The *Fourth International Model-Driven Requirements Engineering (MoDRE) workshop* continues to provide a forum to discuss the challenges of Model-Driven Development (MDD) for Requirements Engineering (RE). Building on the success of MDD for design and implementation, RE may benefit from MDD techniques when properly balancing flexibility for capturing varied user needs with formal rigidity required for model transformations as well as high-level abstraction with information richness. Reuse of requirements models becomes a distinct possibility with MDD and model transformations. This workshop intends to identify new challenges, discuss on-going work and potential solutions, analyze the strengths and weaknesses of MDD approaches for RE, foster stimulating discussions on the topic, and provide opportunities to apply MDD approaches for RE.

Topics of Interest

Submissions are welcome in all workshop topics including (but not limited to) the following: *modelling languages* and *metamodels* for requirements engineering approaches, requirements *reuse*, *synchronicity* and *consistency* of requirements models, requirements models *at runtime*, *automatic analysis* of requirements models, *automatic generation of tools* for requirements engineering, *model transformations* for requirements engineering, *evaluation* of model-driven requirements engineering, *simulation* of requirements models, and model-driven requirements engineering *in industry.*

Submission and Publication

Participants are invited to submit original research papers with a length of *eight (8) to ten (10) pages* or original position papers with a length of *four (4) to five (5) pages*. Papers must be in pdf format, written in English, and formatted according to the IEEE formatting instructions detailed on the workshop website.

All submissions will be reviewed by at least three members of the program committee and the organizing committee for quality and relevance.

Accepted papers will become part of the workshop proceedings and will be submitted for inclusion into the *IEEE Digital Library*. Workshop presentations will be posted on the workshop website. Failure to register to the workshop and present the paper will result in the removal of the submission from the proceedings; more specifically it will not be submitted to the IEEE Digital Library.

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- João Araújo
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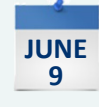 Universidad de Cantabria, Spain

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IMPORTANT DATES in 2014

JUNE 2 ABSTRACT SUBMISSION

JUNE 9 PAPER SUBMISSION

JULY 7 ACCEPTANCE NOTIFICATION

JULY 17 CAMERA-READY VERSION