

Call for Papers

Important Dates

- Workshop Paper Submission Deadline: July 17, 2015
- Workshop Paper Notification to Authors: August 21, 2015
- Workshop: September 29, 2015

Organizers

- Regina Hebig, UPMC, France
- Reda Bendraou, UPMC, France
- Michel Chaudron, Chalmers Technical University and University of Gothenburg, Sweden
- Markus Völter, independent/itemis, Germany

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2nd International Workshop on Industrial Model-Driven Development Processes and Practices (i.MD²P² 2015)

Model-driven engineering emphasizes the use of models for a higher productivity, better quality and lower maintenance cost. However, MDE has to be integrated into a suitable, perhaps previously existing development process; otherwise MDE cannot deliver its goals, and is unlikely to be adopted in the first place. This workshop aims at investigating how an MDE approach that includes the synthesis of executable systems from models or the use of abstract languages, such as UML, Simulink, or DSLs can be integrated in a development process.

Edition's focus: This year's **i.MD²P²** edition has a special focus on industry-research collaborations for development and process-integration of MDE technologies. Thus, we especially welcome contributions from close industry research-collaborations, targeting at 1) industrial methods for the development of languages, such as DSMLs, or automation support and 2) the question how such methods ensure the seamless integration of the developed technologies into the company's legacy process.

One objective of **MD²P²** workshop series is to provide a forum for research on the impact of MDE approaches on industrial development processes. Topics to be addressed can be (but are not limited to):

- Investigations of the question, what aspects of a process are affected by MDE:
 - How are different stakeholders integrated in the modeling activities?
 - Can modeling tasks be split over multiple roles and phases?
 - Is there a need to adapt test and quality assurance activities in development processes, such that the diverse modeling artifacts are covered appropriately?
 - When is it necessary or beneficial to adapt the number of development process phases or to change the frequency of iterations?
- Synergies: How can the combination with an MDE approach increase (or decrease) the benefits of a process? How can the choice or adaptation of a process increase (or decrease) the benefits of an MDE approach?
- Guidelines and methods that support practitioners in reusing or adapting development processes when MDE
- Co-maturation of MDE and development processes
- Tool support for process integration of MDE
- Feedback on combining/using MDE in traditional processes
- Experiences and approaches for migrating to MDE

The **MD²P²** workshop series further provides a forum for researchers and practitioners to exchange and discuss experiences on how the use of MDE affects the applied development process. Papers presenting case studies are highly welcome. Aspects to be addressed in the case studies are for example:

- Which stakeholders are involved in modeling tasks? Which stakeholders are not affected by the integration of MDE?
- Which (modeling) artifacts are subject to quality assurance activities, e.g. reviews?
- Are development process phases adapted? Does the number or frequency of iterations change?
- Are there empirical evidences that intended MDE effects occur, e.g. whether front-loading reduces the number of errors in later phases?

Submitted papers (maximum 10 pages) must conform to the Springer LNCS formatting guidelines (<http://www.springer.com/computer/lncs>). Accepted papers will be published in an edition of CEUR (<http://ceur-ws.org/>).



A MODELS 2015 satellite event

MODELS 2015
Ottawa