



Welcome to the 13th International  
Conference on Agile Software  
Development: XP2012 in Malmö  
Sweden May 21-25 2012!  
<http://xp2012.org>

## Call For Doctoral Symposium Papers to XP2012

Important dates:

- February 29, 2012 – Submission deadline
- March 31, 2012 – Notification of acceptance
- April 30, 2012 – Final version due

### Goal

The XP2012 Doctoral Symposium will be held in Malmö, Sweden in conjunction with the 13<sup>th</sup> International Conference on Agile Software Development, XP2012, May 21-25 2012.

The Symposium aims to bring together doctoral students working in the area of agile or lean methodologies, giving them a unique opportunity to interact with renowned and experienced researchers in the field, and discuss with them about their current and proposed research. Software engineering works that are related to agile or lean are also welcome. The Doctoral Symposium also aims at establishing a supportive worldwide community of doctoral students working on multimedia, and promoting social and intellectual interactions among students and researchers from academia, industry and government.

### Format

Participants will be asked to prepare a presentation including a discussion of the main research challenges, solution directions, results obtained thus far, evaluation plan, and research plan towards the completion of the Ph.D. studies. It must be limited to twenty minutes and slides are strongly encouraged. An expert panel composed of senior researchers and practitioners coming from university and industry will provide feedback to help students shape their work.

The XP2012 Doctoral Symposium will be rounded off by a discussion of general questions related to Ph.D. research. They include, but are not limited to, the following aspects:

- problem formulation,
- analysis and evaluation of the state of the Ph.D. Thesis,
- research methodology, including underlying principles of the approach, utility of the approach, as well as validation of the results.
- critical evaluation of one's own work, including identification of the target audience and beneficiaries of a thesis, validation techniques (such as prototyping, field experiment, or argumentation), definition of the innovative contribution of a thesis to the existing state of the art.

### Topics

The XP2012 Doctoral Symposium will stress practical applications and implications of agile and lean methodologies. Topics include, but are not limited to:

- Foundations and rationale of agile and lean

- Case studies, experiments and practitioner's reports
- Organizational Change and Organizational Agility
- Agile Offshore and Agile Software Factories
- Scalability issues
- Introducing agile or lean into an organization
- New insights into agile practices and their interrelations
- Agile/lean process/product certifications
- Refactoring and continuous integration
- Unit and acceptance testing: practices and experiences
- Use of software development tools and environments
- Agile development of Open Source software
- Social and human aspects of agile methods
- Measurement and metrics for agile projects and enterprise
- Legacy systems and agility
- Implications of agile methods for research and education

### **Submissions**

PhD students carrying out research on the previously quoted topics, or in related topics, are invited to submit a position paper to the Doctoral Symposium.

Papers will be peer-reviewed by the Symposium's program committee members. The criteria used for accepting a paper include potential quality of the research, contribution of the work to the Agile and Lean field, originality of the work, and overall quality of the position paper.

Selections will be based on a 3-4 page position paper, singly authored by the student wishing to attend. The position papers must be in English using the Springer LNBIP style.

The position paper should include:

- author's name
- affiliation
- an abstract (maximum 200 words)
- the name of the student's PhD supervisor(s)
- the problem(s) that the proposed research is going to solve, and the motivation for solving them
- the aims and objectives of the proposed research
- the research methodology to be used to achieve the research goals, including a brief description of the work done to date and a tentative research plan for future work
- the main contribution(s) of the research to the field of Agile/Lean methodologies

Accepted position papers will be presented during the XP2012 Doctoral Symposium and will be published on the XP2012 website. Please note that papers presented at Scientific Workshops will be not published in XP2012 proceedings, but will be published in the PhD Symposium Proceedings, under an ISBN reference.

All submissions should be submitted electronically in PDF format to [concas@diee.unica.it](mailto:concas@diee.unica.it).

The Doctoral Symposium Chair  
 prof. Giulio Concas  
 DIEE – University of Cagliari, Italy