Message from the Chairs

GREENS 2015

The GREENS workshop provides a forum for practitioners and academics to share knowledge, ideas, practices, and current results related to green and sustainable software engineering. The goal of green software engineering is to apply green principles to the design and operation of software-intensive systems. Green and self-greening software systems have tremendous potential to decrease energy consumption. Moreover, enterprise software can and should be re-thought to address sustainability issues using innovative business models, processes, and incentives. Monitoring and measuring the greenness of software is critical towards the notion of sustainable and green software. Demonstrating improvement is paramount for users to achieve and affect change. Thus, the theme of GREENS 2015 is Towards a Green Software Body of Knowledge. GREENS 2015 is interested in contributions from industry, government, and academia on all topics related to greener software engineering. Topics range from bringing sustainability and energy efficiency into all software lifecycle stages, to green measures and estimations, practices, notations, and tools to both greening the software engineering process, and greening the resulting ICT systems.

To ensure high quality papers and presentations, all submissions were reviewed by at least three program committee members whose identity was not revealed to any of the authors. The reviewers did not review papers for which they had a conflict of interest. The organizers were excluded by the reviewer selection process when in direct or indirect conflict of interest.

Out of the 13 full paper submissions, 7 full papers were accepted to be included in the workshops proceedings.

The workshop dedicates most of its program to discussion among the attendees. After a keynote and short presentations and discussions of each paper, facilitated working sessions will discuss the most interesting topics as identified by the attendees.

Last, but not least, we are most grateful to all the authors for their submissions to GREENS 2015, and to the invited Program Committee members for their valuable time and effort in reviewing the submitted papers in the midst of their busy work schedules. Sincerely thanking you all. We also want to extend our gratitude to the organizers of ICSE 2015 for the facilities regarding the logistics of the workshop and the publication of the proceedings.

Up-to-date information can be found at the web page of the GREENS workshop: http://greens.cs.vu.nl

Patricia Lago, Niklaus Meyer, Maurizio Morisio, Hausi A. Müller, Giuseppe Scanniello
GREENS 2015 co-chairs