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SPETP 2015

1st International Workshop on Software Process Education, Training and Professionalism

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Preface

These Proceedings contain the papers accepted for publication and presentation at the first 1st International Workshop on Software Process Education, Training and Professionalism (SPETP 2015) held in conjunction with the 15th International Conference on Software Process Improvement and Capability dEtermination (SPICE 2015), Gothenburg, Sweden, during June 15-17, 2015.

During the 14th International Conference on Software Process Improvement and Capability dEtermination (SPICE 2014) held in Vilnius, Lithuania, at a post conference dinner, a group of key individuals from education and industry started to discuss the challenges faced for software process education, training and professionalism, especially with the background of the new modes of learning and teaching in higher education.

Further discussions held post conference with key players in the relevant professional and personal certification fields led to a consensus that it is time for the industry to rise to the new challenges and set out in a manifesto a common vision for educators and trainers together with a set of recommendations to address the challenges faced. It was therefore agreed co-located the 1st International Workshop on Software Process Education, Training and Professionalism with the 15th International Conference on Software Process Improvement and Capability dEtermination.

This workshop focused on the new challenges for and best practices in software process education, training and professionalism. The foundation for learning of software process should be part of a university or college education however software process is often treated as 'add one' module to the core curriculum. In a professional context, whilst there have been a number of initiatives focused on the certification related to the software process professional these have had little success for numerous reasons.

Cooperation in education between industry, academia and professional bodies is paramount, together with the recognition of how the education world is changing and how education is resourced, delivered (with online and open learning) and taken up. Over the next 10 years on-line learning is projected to grow fifteen fold, accounting for 30% of all education provision, according to the recent report to the European Commission on New modes of learning and teaching in higher education.

It is a great pleasure to see the varied contributions to this 1st International Workshop on Software Process Education, Training and Professionalism and we hope that our joint dedication, passion and innovation will lead to success for the profession through the publication of the manifesto as a key outcome from the workshop.

On behalf of the SPETP 2015 conference Organizing Committee, we would like to thank all participants. Firstly all the authors, whose quality work is the essence of the conference, and the members of the Program Committee, who helped us with their expertise and diligence in reviewing all of the submissions. As we all know, organizing a conference requires the effort of many individuals. We wish to thank also all the members of our Organizing Committee, whose work and commitment were invaluable.

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