Welcome Message from the DysDoc3 2018 Chairs

The 3rd International Workshop on Dynamic Software Documentation (DysDoc3) follows two previous editions, held in February 2017 and February 2018, at McGill University’s Bellairs Research Institute. Nineteen experienced researchers participated in these workshops to discuss the state of software documentation, with the goal of making it more dynamic. The outcome was the proposal of a paradigm shift in supporting the information needs of developers, centered on the concept of automated on-demand developer documentation (OD3). A paper describing the OD3 vision was published at ICSME 2017, outlining the major research challenges we face in realizing such a paradigm shift, highlighting existing research that can be leveraged to this end, and promoting opportunities for increased convergence in research on software documentation.

DysDoc3, hosted by the 34th IEEE International Conference on Software Maintenance and Evolution (ICSME 2018), aims to be a catalyst in the formation of a research community interested in working on the automation of software documentation generation. The main aspect of the workshop is the First Software Documentation Generation Challenge (DocGen). Research teams submitted challenge entries, which consist of tools that can automatically generate, on demand, reference documentation for Java classes. Six entries were selected by the program committee and will be presented and evaluated live during the workshop, by a panel of judges. We are happy to have three expert judges: Margaret-Anne Storey (University of Victoria, Canada), Michael W. Godfrey (Waterloo University, Canada), and Michel R. V. Chaudron (University of Gothenburg, Sweden). In addition, the workshop will also include the presentation of three additional documentation generation tools, in an exhibition session.

We wish to thank Gregorio Robles and the other ICSME 2018 organizers for the generous and enthusiastic support for the workshop. We are also grateful to all of the DysDoc3 organizers: Neil Ernst and Marco Gerosa (program co-chairs); Laura Moreno and David Shepherd (challenge co-hosts); Sarah Nadi, Shinpei Hayashi, Hideaki Hata, Oscar Chaparro, and James Clause (data co-chairs); Takashi Kobayashi (web and publicity chair).

We hope that all the participants will enjoy the competition, the exhibition, the interactions with each other, and the wonderful host city of Madrid. We also hope that DocGen will be just the first of many such challenges that the community will organize in the future.

Martin Robillard, Andrian Marcus, Christoph Treude, Michele Lanza
DysDoc3 General Co-chairs