6th Symposium on Languages, Applications and Technologies

SLATE 2017, June 26–27, 2017, Vila do Conde, Portugal

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In my father's-in-law memory.
Ricardo Queirós

In my father's memory.
Alberto Simões

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Preface

This book contains the proceedings of the sixth edition of SLATE, the 6th Symposium on Languages, Applications and Technologies, held at the Media Arts and Design School, from the Polytecnic of Porto, located at Vila do Conde, Portugal, during June 26–27, 2017.

In a global and increasingly technological society, communication is crucial for the sustained development of organizations. In this realm, languages are the cornerstone, allowing humans and machines to interact effectively to achieve common goals. In this sense we have the need to use languages in a way that allows communication between humans, between us and the computers, and finally, between machines. At SLATE we discuss these three types of languages by organizing the conference into 3 main tracks:

- HHL (Human-Human Languages): this track dedicates to the discussion of research projects and ideas involving natural language processing and their industrial application.
- HCL (Human-Computer Languages): this track aims to discuss topics on the latest academic or industrial work on language design, processing, assessment and applications.
- CCL (Computer-Computer Languages): the main goal of this track is to discuss topics related with mark-up and interchange formats and techniques, giving special importance to serialization languages such as XML and JSON

In this 6th edition we received 32 submissions (20 full papers and 12 short papers). After a peer-review process, in which each paper was reviewed at least by two anonymous reviewers, 23 papers were accepted (15 as full papers and 8 as short papers). In the overall process, we had 71% of paper acceptance rate. This book contains the revised versions of all the papers presented at SLATE 2017.

Finally, we would sincerely like to thank many people without whom this Conference would never have been possible. Firstly, to the Media Arts and Design School that received so well this event. Secondly, to our sponsors for believing in the importance of sharing scientifical knowledge on the languages topic. Also, a word of appreciation for the local organization of the event who truly engaged in a spirit of cooperation and cared for all the organization details. In this context, exceptionally, this year we count on the help of a designer student from ESMAD which managed the image of SLATE. Regarding the publish of the proceedings, we kindly regards the OASIcs for giving us the opportunity to publish this proceedings and MDPI journals for accepting submissions of additionally revised and extended journal-oriented versions of the best papers presented at the symposium. For the two invited keynoters, Mikel Forcada, and Daniela da Cruz, a big thank you for coming talking about interesting subjects, making the event more relevant. We want to thank the Program Committee members for their valuable contribution on reviewing the papers and the authors of the submitted papers for their contribution and interest in the symposium. At last, a sincere thank you to all those who participated in this symposium and who contributed to a new rebirth of this fantastic event.

Ricardo Queirós
Mario Pinto

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