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In my father's-in-law memory.
_Ricardo Queirós_

In my father’s memory.
_Alberto Simões_
<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preface</td>
<td>Ricardo Queiros, Mário Pinto, Alberto Simões, José Paulo Leal, and Maria João Varanda</td>
<td>0:vii</td>
</tr>
<tr>
<td>Human-Computer Languages</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Applying Attribute Grammars to Teach Linguistic Rules</td>
<td>Patrícia Amorim Barros, Maria João Varanda Pereira, and Pedro Rangel Henriques</td>
<td>1:1–1:14</td>
</tr>
<tr>
<td>Towards an Automated Test Bench Environment for Prolog Systems</td>
<td>Ricardo Gonçalves, Miguel Areias, and Ricardo Rocha</td>
<td>2:1–2:13</td>
</tr>
<tr>
<td>Generating Method Documentation Using Concrete Values from Executions</td>
<td>Matúš Sulír and Jaroslav Porubán</td>
<td>3:1–3:13</td>
</tr>
<tr>
<td>Towards Employing Informal Sketches and Diagrams in Software Development</td>
<td>Milan Jančár and Jaroslav Porubán</td>
<td>4:1–4:10</td>
</tr>
<tr>
<td>Modelling Contiki-Based IoT Systems</td>
<td>Caglar Durmaz, Moharram Challenger, Orhan Dagdeviren, and Geylani Kardas</td>
<td>5:1–5:13</td>
</tr>
<tr>
<td>Exercise Solution Check Specification Language for Interactive Programming Learning Environments</td>
<td>Jakub Swacha</td>
<td>6:1–6:8</td>
</tr>
<tr>
<td>Visualizing the Evaluation of Functional Programs for Debugging</td>
<td>John Whitington and Tom Ridge</td>
<td>7:1–7:9</td>
</tr>
<tr>
<td>Computer-Computer Languages</td>
<td></td>
<td></td>
</tr>
<tr>
<td>A Survey on CSS Preprocessors</td>
<td>Ricardo Queirós</td>
<td>8:1–8:12</td>
</tr>
<tr>
<td>XML Parsing in JavaScript</td>
<td>Alberto Simões</td>
<td>9:1–9:10</td>
</tr>
<tr>
<td>Indexing XML Documents Using Tree Paths Automaton</td>
<td>Eliška Šestáková and Jan Janoušek</td>
<td>10:1–10:14</td>
</tr>
<tr>
<td>Enhancing Feedback to Students in Automated Diagram Assessment</td>
<td>Helder Correia, José Paulo Leal, and José Carlos Paiva</td>
<td>11:1–11:8</td>
</tr>
<tr>
<td>A REST Service for Poetry Generation</td>
<td>Hugo Gonçalo Oliveira</td>
<td>12:1–12:8</td>
</tr>
<tr>
<td>SOS – Simple Orchestration of Services</td>
<td>Ricardo Queirós and Alberto Simões</td>
<td>13:1–13:8</td>
</tr>
<tr>
<td>Visualization of Ontology Evolution Using OntoDiffGraph</td>
<td>André Lara, Pedro Rangel Henriques, and Alda Lopes Gańcarski</td>
<td>14:1–14:8</td>
</tr>
<tr>
<td>Title</td>
<td>Authors</td>
<td>Pages</td>
</tr>
<tr>
<td>----------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>Human-Human Languages</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Comparing and Combining Portuguese Lexical-Semantic Knowledge Bases</td>
<td>Hugo Gonçalo Oliveira</td>
<td>16:1–16:15</td>
</tr>
<tr>
<td>An Emotional Word Analyzer for Portuguese</td>
<td>Maria Inês Maia and José Paulo Leal</td>
<td>17:1–17:14</td>
</tr>
<tr>
<td>Information Extraction for Event Ranking</td>
<td>José Devezas and Sérgio Nunes</td>
<td>18:1–18:14</td>
</tr>
<tr>
<td>Natural Transmission of Information Extraction Results to End-Users –</td>
<td>José Casimiro Pereira, António J. S. Teixeira, Mário Rodrigues, Pedro Miguel, and Joaquim Sousa Pinto</td>
<td>20:1–20:14</td>
</tr>
<tr>
<td>Adapting Speech Recognition in Augmented Reality for Mobile Devices in Outdoor Environments</td>
<td>Rui Pascoal, Ricardo Ribeiro, Fernando Batista, and Ana de Almeida</td>
<td>21:1–21:14</td>
</tr>
<tr>
<td>Linear Operators in Information Retrieval</td>
<td>Hawete Hattab and Rabeb Mbarek</td>
<td>23:1–23:8</td>
</tr>
</tbody>
</table>
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 Polytechnic 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 scientific 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.

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