

Preface

This volume contains the papers presented at IT@LIA 2015¹: the 1st AI*IA Workshop on Intelligent Techniques At Libraries and Archives, co-located with XIV Conference of the Italian Association for Artificial Intelligence (AI*IA 2015) held in Ferrara, Italy, on September 22, 2015.

The workshop aimed at bringing together researchers from the Italian communities in Artificial Intelligence and Digital Libraries, in order to bridge the gap between the two areas. Both have developed significant skills, but they still have not started a stable and strict cooperation. The objective was providing people from the Digital Libraries community with a venue to highlight problems and needs, and people from Artificial Intelligence with a real-world domain in which proposing advanced solutions aimed at tackling significant problems.

Indeed, both the amount and complexity of the available data and the key needs emerging in the digital libraries and cultural heritage call for next generation digital library systems able to embed advanced and intelligent techniques to provide powerful functionalities to their stakeholders. Developing such techniques requires the strict interaction and cooperation of many different areas and skills: standardization, document processing, natural language processing, library development and organization, multimedia management, fruition, semantic processing, etc. Artificial Intelligence techniques may provide significant support in many of these areas, in order to face some of the complexities of this domain.

The workshop involved 7 paper presentations and a panel session, an account of which is given in this volume. We would like to express our special thanks to the Program Committee members, the panelists – Maristella Agosti, Floriana Esposito, Maurizio Lana and Nicola Orio – the authors and all the attendees.

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Stefano Ferilli and Nicola Ferro

¹ <http://italia2015.dei.unipd.it/>

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