Preface

LWA 2015 is a joint conference of four special interest groups of the German Computer Science Society (GI), addressing research in the areas of knowledge discovery and machine learning, information retrieval, database systems, and knowledge management. The German acronym LWA stands for “Lernen, Wissen, Adaption” (Learning, Knowledge, Adaptation). Following the tradition of the last years, LWA 2015 provides a joint forum for experienced and young researchers, to bring insights to recent trends, technologies and applications and to promote interaction among the special interest groups. The following special interest groups participate at LWA 2015:

- KDML (Knowledge Discovery, Data Mining and Machine Learning)
- FGWM (Knowledge Management)
- IR (Information Retrieval)
- FGDB (Database Systems)

The papers have been selected by independent program committees from the respective domains.

The program consists of several joint sessions which include contributions of interest for all conference participants. In addition, there are parallel sessions for individual workshops focusing on more specific topics. A poster session gives all presenters the opportunity to discuss their work in a broader context. Recent trends in the corresponding research areas are highlighted by four distinguished keynote speakers:

- Steffen Staab, University of Koblenz-Landau
- Thomas Seidl, RWTH Aachen
- Norbert Ritter, University of Hamburg
- Andreas Henrich, University of Bamberg

The accompanying social programme includes a guided city tour in the city centre of Trier followed by a conference dinner in the “Bitburger Wirtshaus”.

The organizers would like to thank the workshop chairs and their programme committees for their excellent work as well as the keynote speakers for their contribution to the success of LWA 2015. Finally, we gratefully acknowledge the generous support of our sponsors, in particular EMPOLIS, IBM, and SER.

We hope that LWA 2015 will be an inspiring event for all participants with lots of scientific exchange and discussions.

September 2015

Ralph Bergmann
Sebastian Görg
Gilbert Müller
(Editors, LWA’15)
Organization

LWA 2015 is hosted and organized by the research group “Business Information Systems II” at the University of Trier.

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Maria Gindorf, University of Trier (Conference Secretary)
Gilbert Müller, University of Trier
Sebastian Görg, University of Trier

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FGWM 2015 Workshop Organization
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IR 2015 Workshop Organization
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