

PKM 2010
2nd Workshop on Personal Knowledge Management
Understanding, Supporting, and Evaluating the
Management of Personal Knowledge, Information and Data

Preface

Most of today's problems are so complex that the individuals trying to solve these problems have to deal with large quantities of cross-domain knowledge, information and data. Not only in such complex domains, but in knowledge-intensive activities in general, it is crucial to support the user in managing his/her personal knowledge and information in an appropriate way. Reflecting this, understanding and supporting these management activities has become a popular research focus in several academic communities.

While over the last years the PKM community has focused its endeavours mainly on technological tools and approaches, only little progress has been made towards a comprehensive understanding of how these influence and support behaviour. It has become increasingly evident that a human factors perspective would be a valuable approach to progressing the field, as it expressly addresses the interrelation between technology and human behaviour.

The aim of this workshop was to bring together a broad range of researchers with the goal of fostering collaborations and addressing the challenges faced when studying and supporting the management of personal knowledge, information and data. The intention was to increase awareness of the work that is being done in the other communities and to establish a means to bridge the gaps caused by different naming conventions, approaches and literature in the different research domains.

This workshop's contributions span a wide range of topics and perspectives. Some follow a **theoretical approach** and work on defining the field, such as:

- The Case for PKM (Heiko Haller)
- Targeting the Blind Spot: Personal Knowledge Management as an Enabler for Knowledge Creation and Application (Richard Pircher)
- Personal Knowledge Management by SocialWare – Challenges and Benefits (Martin Christof Kindsmüller)
- The Interaction of Personal Knowledge Management with Communities and Enterprises (Jessica Yip and Eric Tsui).

Others target the relation between PKM and **social interaction**:

- Personal process self-assessment and improvement using social networks and knowledge bases (Olaf Grebner)
- From Personal Knowledge Management to Collaborative Actions: Synergies in Semi-Professional Networks of Professional Translators (Marie-Luise Groß)

While others forward new **concepts of interaction on the desktop**:

- Giving Files Behaviours (Timothy J. Crawford, Robert S. Laramée, and Max L. Wilson)

- Folder Window as Canvas (Malte Reißig and Matthias Melcher)
- DIME: Desktop Interruption Management (Erika L. Borg, Charlie Abela, and Christopher Staff)

Finally, some address novel **applications to support memory and learning**:

- Improving Organic Recollection with Memory Prosthetics (David Elweiler and Gareth Jones)
- Dependency Formalisation for Improved Learning Processes (Konrad Voelkel)

The papers also address these topics from various perspectives. Due to the deliberate heterogeneity of our programme committee as well as the submitted authors' backgrounds, the papers related to disciplines ranging from economics to psychology from philosophy to computer science, from theoretical foundations to applications and from PIM to PKM.

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