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Lena Strömbäck has a Ph. D in computer science, in natural language processing. After her Ph. D., Lena worked at Nokia with research and development of products for the information society, mainly digital television. This work included responsibility for European projects and work with future standards. Her recent research focuses on database technology for the web and standardization for bioinformatics. She is also responsible for several courses on database technology and product development.

Lena's research interests are efficient use and storage of large datasets for the web. In particular she is interested in cases with many data providers, high complexity of the data and where there exist no consensus on how to represent the data. In particular she have studied this in the following contexts:

- Effective and efficient storage of data. The structure of data for web applications is in many cases more varied than for traditional applications. Here, Lena are exploring trade offs including hybrid storage combining relations and native XML storage and special solutions for representations of graphs.

- Representation of molecular pathways within bioinformatics. Here, large datasets are available on the web and where currently several competing standards exist. Lena's focus have been evaluation, comparison and efficient storage of these standards.

- Effective and easy to use data exploration. This have, in particular, been studied in the frameworks of provenance, scientific workflows and bioinformatics.

Lena Strömbäck has a large number of publications within the above and related fields. Her research have been recognised by best paper awards. She has also frequently been invited as author, speaker and panellists by several journals, conferences and organisations.

Lena Strömbäck have been active in supporting the IARIA conference DBKDA (*The International Conference on Advances in Databases, Knowledge, and Data Applications)* since it started in 2009. She has served as program committee member, keynote speaker, advisory board member, editor and panelist for the conference. The first years of the conference have been very successful with an increasing number of submitted high quality papers.