6th Baltic Sea Conference on Computing Education Research
Koli Calling 2006

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Foreword

You are holding in your hands the proceedings of the 6th Baltic Sea Conference on Computing Education Research - Koli Calling. The conference was held in November 2006.

The papers presented at the conference, and collected in these proceedings were of excellent quality and highlight both the depth and the variety of the emerging field of Computing Education Research.

Twenty-nine papers/posters, one invited seminar and two invited speeches were presented during the three conference days. Lecia Barker, ATLAS, University of Colorado, Boulder, CO, USA, broadened our perspective on students’ experience of power and gender, through her speech "Defensive climate in the computer science classroom", originally written by Dr Barker together with Kathy Garvin-Doxas, and Michele Jackson for the 33rd SIGCSE technical symposium on Computer science education, 2002. The Koli Calling conference thanks ACM for a travel grant for Dr Barker. Tony Clear took the discussion further, by introducing critical enquiry to the community in his talk "Valuing Computer Science Education Research?", finally Matti Terdre discussed the interaction between computer science and the community in his seminar "The Development of Computer Science: A Sociocultural Perspective."

Contributions to the main conference can take one of three forms. Research papers present unpublished, original research, presenting novel results, methods, tools, or interpretations that contribute to solid, theoretically anchored research. System papers describe tools for learning or instruction in computing education, motivated by the didactic needs of teaching computing, while Discussion papers provide a forum for presentation of novel ideas and prototypes. Finally, the Posters had their focus on work in process. All papers and posters were double-blind peer reviewed by members of the international program committee.

Lively discussions are a hallmark of the Koli Calling conference, with the whole conference coming to serve as a forum for a development of new ideas. This is a tradition from the previous years, that was followed this year. Maybe it became even stronger, as the Speaker’s Corner, turned out to be a useful discussion area.

The conference was organized by the UpCERG group, Department of Information Technology, Uppsala University, Sweden, in collaboration with ACM SIGCSE, USA and CeTUSS, Centrum för Teknikutbildning i Studenternas Sammanhang, Uppsala University, Sweden. The practical arrangements were made by the Department of Computer Science, University of Joensuu, Finland.

The success of the conference is to a large degree due to the open and friendly atmosphere that encourages the participants to return to this Finnish site. Many of the around 40 participants from nine countries on three continents had attended the conference during earlier years. As programme chair, I would like to thank everyone who made this development possible. Particularly, I want to mention the programme committee for their dedication to providing constructive criticism of the submissions, and the organising committee who all worked very hard to make the conference a success.
However, most important is the contributions of the authors and the participants, without whom we would not have had a conference.

When citing papers at this conference, please use the following format: <Author(s)>. (2007). <Title>. In A. Berglund & M. Wiggberg (Eds.) Proceedings of the 6th Baltic Sea Conference on Computing Education Research, Koli Calling. Uppsala University, Uppsala, Sweden. Also available at http://cs.joensuu.fi/kolistelut/

I look forward to the next Koli Calling Conference, 2007.

Uppsala, February 2007,

Anders Berglund
Conference Chair
Anders Berglund  Uppsala University, Sweden

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