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

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EDITORS

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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 *Research* papers present unpublished, original research, presenting novel results, methods, tools, or interpretations that contribute to solid, theoretically anchored research.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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Contents

Invited Speakers

- Defensive Climate in the Computer Science Classroom..... 3
Lecia Barker, Kathy Garvin-Doxas & Michele Jackson, University of Colorado
- Valuing Computer Science Education Research? 8
Tony Clear, Auckland University of Technology

Invited Seminar

- The Development of Computer Science: A Sociocultural Perspective 21
Matti Tedre, University of Joensuu

Research Papers

- Progress Reports and Novices' Understanding of Program Code..... 27
Linda Mannila
- An Objective Comparison of Languages for Teaching Introductory Programming 32
Linda Mannila & Michael de Raadt
- Student Perceptions of Reflections as an Aid to Learning 38
Arnold Pears & Lars-Åke Larzon
- A Qualitative Analysis of Reflective and Defensive Student Responses in a Software Engineering and Design Course 46
Leslie Schwartzman
- The Distinctive Role of Lab Practical Classes in Computing Education 54
Simon, Michael de Raadt, Ken Sutton & Anne Venables
- Most Common Courses of Specializations in Artificial Intelligence, Computer Systems, and Theory 61
Sami Surakka
- Program Working Storage: A Beginner's Model..... 69
Evgenia Vagianou
- Moral Conflicts Perceived by Students of a Project Course..... 77
Tero Vartiainen

System Papers

- Test Data Generation for Programming Exercises with Symbolic Execution in Java PathFinder 87
Petri Ihantola
- Automatic Tutoring Question Generation During Algorithm Simulation 95
Ville Karavirta & Ari Korhonen
- Do students SQLify? Improving Learning Outcomes with Peer Review and Enhanced Computer Assisted Assessment of Querying Skills 101
Michael de Raadt, Stijn Dekeyser & Tien Yu Lee
- Modelling Student Behavior in Algorithm Simulation Exercises with Code Mutation 109
Otto Seppälä

Discussion Papers

| | |
|---|-----|
| Learning Programming by Programming: a Case Study | 117 |
| <i>Marko Hassinen & Hannu Mäyrä</i> | |
| Is Bloom's Taxonomy Appropriate for Computer Science? | 120 |
| <i>Colin Johnson & Ursula Fuller</i> | |
| The Preference Matrix As A Course Design Tool | 124 |
| <i>John Paxton</i> | |
| Understanding of Informatics Systems: A Theoretical Framework Implying Levels of Competence | 128 |
| <i>Peer Stechert</i> | |
| "I Think It's Better if Those Who Know the Area Decide About It" A Pilot Study Concerning Power in CS Student Project Groups | 132 |
| <i>Mattias Wiggberg</i> | |

Demo/Poster Papers

| | |
|---|-----|
| ALOHA - A Grading Tool for Semi-Automatic Assessment of Mass Programming Courses | 139 |
| <i>Tuukka Ahoniemi & Tommi Reinikainen</i> | |
| Plaggie: GNU-licensed Source Code Plagiarism Detection Engine for Java Exercises | 141 |
| <i>Aleksi Ahtainen, Sami Surakka & Mikko Rahikainen</i> | |
| Educational Pascal Compiler into MMIX Code | 143 |
| <i>Evgeny A. Eremin</i> | |
| Student Errors in Concurrent Programming Assignments | 145 |
| <i>Jan Lönnberg</i> | |
| Spatial Data Algorithm Extension To TRAKLA2 Environment | 147 |
| <i>Jussi Nikander</i> | |
| Creative Students – What can we Learn from Them for Teaching Computer Science? | 149 |
| <i>Ralf Romeike</i> | |