First Call for Contributions

PhD Training Programme

Joint Ninth International Conference on Relational Methods in Computer Science and Fourth International Workshop on Applications of Kleene Algebra (RelMiCS/AKA 2006)

29 August – 2 September 2006, Manchester, UK

www.cs.man.ac.uk/relmics06/

General Chair:

Renate Schmidt, *Manchester, UK*
schmidt@cs.man.ac.uk

PhD Programme Chair:

Georg Struth, *Sheffield, UK*
g.struth@dcs.shef.ac.uk

Invited Speakers:

Ernie Cohen, *Microsoft, USA*
Roger D. Maddux, *Iowa State University, USA*
Jeff Sanders, *Oxford, UK*

Tutorials:

Peter Jipsen, *Chapman University, USA*
Foundations of Relations and Kleene Algebra
John Derrick, *Sheffield, UK*
Relational Methods for Program Refinement

Local Organisation:

Renate Schmidt, *Manchester, UK*
schmidt@cs.man.ac.uk
Zhen Li, *Manchester, UK*
David Robinson, *Manchester, UK*
Iain Hart & ACSO, *Manchester, UK*

Background: The RelMiCS Conference is the main forum for the relational calculus as a conceptual and methodological tool. The AKA Workshop is a forum on topics related to Kleene algebras. As in previous years, the two events are co-organised; they have joint programme committee and joint proceedings. Special focus will be on formal methods for software engineering, logics of programs and links with neighbouring disciplines. For detailed topics please consult the conference website.

The PhD Training Programme: This year, for the first time, the RelMiCS/AKA conference includes a PhD Training Programme that comprises two tutorials, a student session and attendance of the conference and co-located workshops. If you are currently doing a PhD in the general area of the conference or are interested in learning more about relations or Kleene algebra, then we would like to invite you to apply for participation. The tutorials will teach you the theoretical background and an exemplary application of relational methods to a formal software engineering task. The student session will allow you to present your ongoing work and to establish contacts with other students. The conference and workshops will provide you with an overview of work in your area of research and allow you to discuss it with leading international experts. Overall, the programme will provide a solid background on mathematical foundations in combination with interesting applications.

Important Dates:

Application Submission: 30.05.2006
Notification: 30.06.2006
Camera-ready papers: 31.07.2006
Student session and tutorials: 29.08.2006
RelMiCS/AKA 2006: 30.08. – 02.09.2006

Application Instructions: Applications must be in English, in postscript or pdf format and contain

- an extended abstract of at most 5 pages, LNCS-style, describing original, completed or ongoing, PhD work,
- a short CV,
- a letter of support by your PhD-supervisor or head of department.

Abstracts should provide sufficient information to judge their relevance to the programme. Participants will be selected by the organisers and members of the conference programme committee. This includes rewiewing of the extended abstracts submitted. Accepted students are expected to present their work at the student session. Their extended abstracts will be published within a research report at the University of Manchester and at the conference website. Papers submitted by PhD-students to the RelMiCS/AKA conference can also be considered for the programme.
All applications should be sent to Georg Struth (**g.struth@dcs.shef.ac.uk**).

Programme Fees: Grant support for students is currently being negotiated. Reduced RelMiCS/AKA conference fees will be available for all participants. Further information will be published at the conference website.