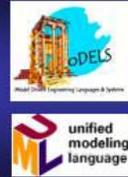




MoDELS / UML 2005

ACM / IEEE 8th International Conference on Model
Driven Engineering Languages and Systems

Half Moon Resort, Montego Bay, Jamaica October 2 – 7



Doctoral Symposium

MoDELS'05

ACM / IEEE 8th International Conference on Model Driven Engineering Languages and Systems
(formerly the UML series of conferences)

October 2 - 7, 2005
Half Moon Resort, Montego Bay, Jamaica

The Doctoral Symposium at the MoDELS conference will provide an international forum for doctoral students to interact with other students and faculty mentors. The Doctoral Symposium seeks to bring together PhD Students working in areas related to modeling and model-driven engineering. Selected students will have the opportunity to present and to discuss their research goals, methods and results within a constructive and international atmosphere.

The Symposium organizers will strive to provide useful guidance for completion of the dissertation research and initiation of a research career. The symposium is intended for students who have already settled on a specific research proposal and have some preliminary results, but still have enough time remaining before their final defense so that they can benefit from the Symposium discussions. Due to the mentoring aspect of the event, the Symposium will be open only to those students and mentors participating directly in the event.

Topics include, but are not limited to:

- Model-driven development languages and tool support
- Model-driven development methodologies, approaches, and techniques
- Theoretical and practical consideration of model transformations
- Empirical studies of modeling and model-driven development

- Models in the development and maintenance process
- Model evaluation, formal or heuristics
- Metamodeling and the semantics of modeling languages
- Domain-specific, aspect-oriented, and concern-oriented modeling

IMPORTANT DATES

Hard Deadline for submission:

May 20, 2005

Notification of acceptance:

June 20, 2005

Hard Deadline for Final Version:

August 5, 2005

The Symposium will be a full day event, but the exact date has not yet been determined (most likely, it will be during the first two days of the conference).

SUBMISSIONS

Submissions will be judged on originality, overall contribution, technical merit, presentation quality and relevance to the conference topics. It is anticipated that each submission will be reviewed by at least two mentors from the senior program committee. Each student that is invited to attend will be assigned a specific mentor who will be in charge of leading the discussion after the student's presentation. Submissions will be rigorously reviewed under a very selective process.

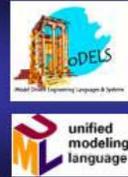
See the conference web site <http://www.modelsconference.org> for details.



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Students should consider participating in the Doctoral Symposium at least six months BEFORE completion of their dissertation, but after having settled on a solid dissertation topic. In the email that accompanies the abstract submission, students should identify their level of progress toward completion (i.e., briefly state the expected date of graduation).

Students desiring to participate in the Symposium must submit an extended abstract that describes their doctoral work. The abstract should be 5 pages in the LNCS conference proceedings style. Each abstract submission should:

- clearly formulate the research topic
- outline the significant problems in the field and its current solutions
- present any preliminary idea, the proposed approach, and the results achieved so far
- explicitly point out the contributions of his/her work

The Symposium organizers prefer submissions in PDF format. Each submission must be written in English. The extended abstracts should be sent to:

models05-ds (at) cis.uab.edu

Accepted papers will be published on the Doctoral Symposium web site and summarized in the workshop reader. Students who are invited to attend will be asked to prepare a 30 minute talk.

TRAVEL SUPPORT

The organizers are working toward finding funds to support student travel. At present, the conference will provide \$250 to each student participant. The conference registration fee will also be waived for all Symposium students, but a copy of the proceedings will not be provided (but can be purchased separately at the conference). It is anticipated that student volunteer opportunities may also be available.

Students will be encouraged to apply to the SIGSOFT CAPS program for additional support. Please check the Doctoral Symposium web page for announcements of other funding opportunities that may become available.

MENTORS OF THE DOCTORAL SYMPOSIUM

Aditya Agrawal
IBM TJ Watson Research, USA
Jean Bézivin
University of Nantes, France
Betty Cheng
Michigan State University, USA
Emanuel Grant
University of North Dakota, USA
Jeff Gray
Univ. of Alabama at Birmingham, USA
Jörg Kienzle
McGill University, Canada
Ana Moreira
Universidade Nova de Lisboa, Portugal
Kerry Raymond
DSTC, Australia

Specific questions should be addressed to the Doctoral Symposium Chair, Jeff Gray, at gray (at) cis.uab.edu

See the conference web site <http://www.modelsconference.org> for details.