

CALL FOR PARTICIPATION  
BASICS 2009 International Workshop on Computation and Interaction  
11-16 October 2009  
Shanghai, China

[http://basics.sjtu.edu.cn/summer\\_school/basics09/](http://basics.sjtu.edu.cn/summer_school/basics09/)

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OBJECTIVE:

The BASICS 2009 International Workshop on Computation and Interaction will take place at Shanghai Jiao Tong University, October 11-16, 2009. The lectures are leading researchers on computation and interaction who will provide an overview of the field and share their insights into the newest development.

The main purpose of BASICS 2009 is to bring together researchers and graduate students in order to advance the theory of computation and interaction and promote its applications. Talented undergraduate students are also welcome to attend.

LECTURERS (in alphabetical order):

Yuxin Deng, Shanghai Jiao Tong University, China  
Yuxi Fu, Shanghai Jiao Tong University, China  
Rob van Glabbeek, NICTA, Australia  
Daniele Gorla, Universita di Roma "La Sapienza", Italy  
Matthew Hennessy, Trinity College Dublin, Ireland  
Uwe Nestmann, TU Berlin, Germany  
Catuscia Palamidessi, INRIA, France  
Davide Sangiorgi, Universita di Bologna, Italy

PROGRAMME:

Oct 12

08:30-10:00 M. Hennessy (Topic: Testing nondeterministic and probabilistic processes I)

10:30-12:00 D. Sangiorgi (Topic: Bisimulation and coinduction I.)

14:00-16:15 *TBA*

16:30-18:00 Contributed Talks

Oct 13

08:30-10:00 D. Sangiorgi (Topic: Bisimulation and coinduction II.)

10:30-12:00 M. Hennessy (Topic: Testing nondeterministic and probabilistic processes II)

14:00-16:15 Y. Deng (Topic: Characterisations of probabilistic bisimulation)

16:30-18:00 Contributed Talks

Oct 14

08:30-10:00 R. van Glabbeek (Topic: Comparative semantics I.)

10:30-12:00 U. Nestmann (Topic: Encodings into asynchronous  $\pi$  I.)

14:00-15:30 C. Palamidessi (Topic: On the expressiveness power of synchronization primitives in  $\pi$  I.)

15:30-16:15 U. Nestmann (Topic: Encodings into asynchronous  $\pi$  II.)

16:30-18:00 Contributed Talks

Oct 15

08:30-10:00 C. Palamidessi (Topic: On the expressiveness power of synchronization primitives in  $\pi$  II.)

10:30-12:00 R. van Glabbeek (Topic: Comparative semantics II.)

14:00-16:15 D. Gorla (Topic: Relative expressiveness)

16:30-18:00 Y. Fu (Topic: Expressiveness completeness I.)

Oct 16

08:30-10:00 Y. Fu (Topic: Expressiveness completeness II.)

10:30-12:00 Panel Discussion on Open Problems

#### REGISTRATION:

Participants are invited to download a copy of the registration form from the web page of the workshop and complete it before returning back to [basics@sjtu.edu.cn](mailto:basics@sjtu.edu.cn). We will accept registration on a first-come-first-serve basis.

The attendants will have opportunities to report their research work in this workshop. If you are interested in contributing a talk, please send us an application (including the topic and abstract of your talk) within the registration letter. Talks based on some published work are particularly welcome. So please make the publication information clear when you send us the application.

The registration fee is EUR 250. Participants will also be responsible for their own accommodation, transportation, insurance, etc.