UTP 2012 : 4th International Symposium on Unifying Theories of Programming
August 27-28, 2012 - Paris, France

Website

http://utp12.lri.fr/

Chairs

Marie-Claude Gaudel (mcg@lri.fr)
Burkhart Wolff (wolff@lri.fr)

Organisation Chair

Abderrahmane Feliachi
(feliachi@lri.fr)

Invited Speakers

Jim Woodcock,
University of York, UK.

Jeremy Gibbons,
University of Oxford, UK.

Important Dates

Paper submission: March 31, 2012
Notification: May 14, 2012
Camera-ready: June 4, 2012
Symposium: August 27-28, 2012

Contact

utp12@lri.fr or http://utp12.lri.fr

Call for Papers

Interest in the fundamental problem of the combination of formal notations and theories of programming has grown consistently in recent years. The theories define, in various different ways, many common notions, such as abstraction, refinement, choice, termination, feasibility, concurrency and communication. Despite these differences, such theories may be unified in a way which greatly facilitates their study and comparison. Moreover, such a unification offers a means of combining different languages describing various facets and artifacts of software development in a seamless, logically consistent way. Hoare and He's Unifying Theories of Programming (UTP) is widely acknowledged one of the most significant such unification approaches to have emerged in the last 15 years.

Based on their pioneering work, the aims of the UTP Symposium series are to continue reaffirming the significance of the ongoing UTP project and to stimulate efforts to advance it by providing a focus for the sharing of results by those already actively contributing, and to raise awareness of the benefits of such unifying theoretical frameworks among the wider computer science and software engineering communities.

To this end the Symposium welcomes contributions on all the themes that can be related to the Unifying Theories of Programming.

Submissions

Papers may be up to 20 pages in length and should be prepared using LaTeX in Springer LNCS paper format. Submissions should be made through the UTP 2012 easyChair.

Publication

Symposium Proceedings will appear in Springer's Lectures Notes in Computer Science (TBC).

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Joint Events

FM 2012, http://fm2012.cnam.fr/

FHIES 2012 ,
http://www.ictac.net/FHIES2011/

TLA 2012,

Infinity 2012,
http://www.it.uu.se/workshop/infinity2012/

UML & FM 2012,
http://www-public.int-evry.fr/~gibson/Workshops/UML-FM-2012.html

VECoS 2012,
http://vecos-world.org/

WS-FMDS 2012,
http://antares.sip.ucm.es/ws-fmds2012/

FMICS 2012,

Overture/VDM 2012,
http://wiki.overturetool.org/index.php/10th_Overture_Workshop

QFM 2012,

B'12, http://membres-liglab.imag.fr/idani/BWorkshop/

MMRP12,
http://mmrp12.wp.it-sudparis.eu/

UTP12 Program Committee

- Bernhard Aichernig, Graz University of Technology, Austria.
- Hugh Anderson, National University of Singapore, Singapore.
- Andrew Butterfield, Trinity College Dublin, Ireland.
- Ana Cavalcanti, University of York, UK.
- Yifeng Chen, Peking University, China.
- Steve Dunne, University of Teesside, UK.
- Colin Fidge, Queensland University of Technology, Australia.
- Lindsay Groves, Victoria University of Wellington, New Zealand.
- Will Harwood, University of York, UK.
- Jeremy Jacob, University of York, UK.
- Sun Meng, Peking University, China.
- Bernhard Möller, Universitat Augsburg, Germany.
- David Naumann, Stevens Institute of Technology, US.
- Geguang Pu, East China Normal University, China.
- Shengchao Qin, University of Teesside, UK.
- Zongyan Qiu, Peking University, China.
- Georg Struth, University of Sheffield, UK.
- Jun Sun, Singapore University of Technology and Design, Singapore.
- Jim Woodcock, University of York, UK.
- Naijun Zhan, Chinese Academy of Sciences, China.
- Huibiao Zhu, East China Normal University, China.

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