

# BX 2012

## First International Workshop on Bidirectional Transformations at ETAPS 2012 in Tallinn (Estonia)



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### IMPORTANT DATES

**Paper Submission: Dec 19, 2011**

**Notification: Jan 24, 2012**

**Camera ready: Feb 05, 2012**

**Workshop Date: Mar 25, 2012**

### AIMS AND SCOPE

Bidirectional transformations (bx) are a mechanism for maintaining the consistency of two (or perhaps more) related sources of information. Such sources can be databases, software models, documents, or their abstract models like graphs or trees. BX are an emerging topic in a wide range of research areas with prominent presence at top conferences in different fields. The methodologies used for bx range from classical program transformation to graph transformation techniques, from ad-hoc techniques for data synchronization to the development of domain-specific languages and their integration. The workshop BX'12 now establishes a dedicated venue for bx in all relevant areas. The aim is to bring together researchers, established and new, interested in bidirectional transformations from different perspectives, such as: language-based approaches, software/model transformations, and model/metamodel co-evolution, which is a different yet closely related subject.

### TOPICS OF INTEREST

Topics of interest for BX'12 include, but are not limited to:

- (coupled) software/model transformations
- software-model synchronization
- data-schema co-evolution and data synchronization
- consistency analysis
- language-based approaches
- analysis/classification of requirements for bx technologies
- case studies and tool support
- comparison of bx technologies
- efficiency of algorithms and benchmarks

We especially encourage papers that apply bx in new domains and papers that close gaps between formal concepts for bx and real world application scenarios.

### INVITED SPEAKERS

- **Juan de Lara** (Universidad Autónoma de Madrid, Spain):  
**Bidirectional Transformation with Graphical Constraints**  
Joint talk with GT-VMT 2012
- second invited speaker to be announced

### PROCEEDINGS

Accepted regular papers (11-15 pages) will appear as a volume of EC-EASST. See the webpage for information on short papers and lightning talks, as well as for submission guidelines (LNCS or EC-EASST style).

### FURTHER INFORMATION

Home page: <http://www.program-transformation.org/BX12>