

SPECIAL ISSUE: Advanced Programming Techniques for Construction of Robust, General and Evolutionary Programs (<http://research.nii.ac.jp/~hu/pi13/>)

AIMS AND SCOPE

Programming is more than just writing programs. Programmers must be concerned with many issues of programs such as robustness, reliability, adaptability, and maintainability, while meeting specifications. Many advanced new programming techniques, such as dependently typed programming, generic programming and bidirectional programming, have been developed to deal with these issues. This special issue aims at publishing high quality papers on these advanced programming techniques that can lead to practical and effective processes for constructing robust, general and evolutionary programs. Topics of interest for this special issue include, but are not limited to:

- Programming with dependent types
- Staged programming
- Generic programming
- Polytypic programming
- Bidirectional programming

SUBMISSION

Submissions for this special issue can be regular research papers or survey/tutorial papers. They should not have been published or submitted elsewhere. Manuscripts should be prepared according to the guidelines indicated in the information "For Authors":

<http://www.nii.ac.jp/pi/html/forauthors.html>

The submission and review process will be carried out using the easychair system:

<https://www.easychair.org/conferences/?conf=pi2013>

IMPORTANT DATES

- Deadline for paper submission: April 15, 2012
- Notification of acceptance/rejection: October 15, 2012
- Deadline for camera-ready submission: December 15, 2012
- Publication of the special issue: March, 2013

GUEST EDITORS

- Zhenjiang Hu (National Institute of Informatics, Japan) hu@nii.ac.jp
- Shin-Cheng Mu (Academia Sinica, Taiwan)
- Stephanie Weirich (University of Pennsylvania, USA)

* For more information, contact the Guest Editors:

“Progress in Informatics” <http://www.nii.ac.jp/pi/>