

Call for Abstracts: The Second Concurrent Collections Workshop



October 6, 2010
Rice University
Houston, Texas, USA
<http://cnc10.rice.edu>



The purpose of the Concurrent Collections Workshop is to discuss experiences with Concurrent Collections (CnC) and future developments for the language. The scope of the workshop includes all aspects of the design, semantics, theory, application, implementation, and teaching of CnC.

The CnC Workshop will include talks selected from submitted abstracts. The abstracts must be at least 300 and not more than 500 words in length.

Topics of interest include, but are not limited to:

- *Language Design*, with a focus on possible modifications, extensions and refinements of CnC;
- *Theory*, such as formal treatments of the semantics of the present language or future extensions, and foundations for program analysis and transformation;
- *Implementations*, including static and dynamic scheduling for parallel and distributed architectures; memory management; techniques for ameliorating overhead of the run-time system;
- *Applications, Practice, and Experience*, using CnC for scientific and data processing computing; database, image processing, statistical analysis, web applications;
- *Teaching with CnC*, including teaching of programming, as well as general experience with CnC in education.

Talks in the *Applications, Practice, and Experience* category may, for example, report practical experience that will be useful to others, such as reusable programming idioms, or elegant new ways of approaching a problem.

Please email abstracts to both mgb2@rice.edu and zoran@rice.edu.

Workshop Chairs

Zoran Budimlić
Rice University
Michael Burke
Rice University

Workshop Committee

Zoran Budimlić
Rice University
Michael Burke
Rice University
Kathleen Knobe
Intel Corporation
Michelle Strout
Colorado State University
Richard Vuduc
Georgia Tech University

Important dates

Abstracts: July 16, 2010
Notification: July 30, 2010
Commitment: Sep 7, 2010
Workshop: Oct 6, 2010