PADL 2015

17th International Symposium on Practical Aspects of Declarative Languages

Program co-Chairs

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Important Dates

Papers: March 11, 2015
Notifications: March 31, 2015
Camera-ready: April 15, 2015
Symposium: June 18-19, 2015

Submission Site

easychair.org/conferences/?conf=padl2015

Program Committee

Marcello Balduccini (Drexel)
Agostino Dovier (Udine)
Matthew Flatt (Utah)
Marco Gavanelli (Ferrara)
Jeff Gray (Alabama)
Serdar Kadioglu (Brown)
Sam Lindley (Edinburgh)
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CR Ramakrishnan (Stony Brook)
Norman Ramsey (Tufts)
Ricardo Rocha (Porto)
Claudio Russo (Microsoft)
Terrance Swift (Lisbon)
Neng-Fa Zhou (CUNY)

Conference Description

Declarative languages build on sound theoretical bases to provide attractive frameworks for application development. These languages have been successfully applied to many different real–world situations, ranging from data base management to active networks to software engineering to decision support systems. New developments in theory and implementation have opened up new application areas. At the same time, applications of declarative languages to novel problems raise numerous interesting research issues. Well–known questions include designing for scalability, language extensions for application deployment, and programming environments. Thus, applications drive the progress in the theory and implementation of declarative systems, and benefit from this progress as well.

PADL is a forum for researchers and practitioners to present original work emphasizing novel applications and implementation techniques for all forms of declarative concepts, including, functional, logic, constraints, etc. Topics of interest include, but are not limited to:

• Innovative applications of declarative languages
• Declarative domain-specific languages and applications
• Practical applications of theoretical results
• New language developments and their impact on applications
• Declarative languages and software engineering
• Evaluation of implementation techniques on practical applications
• Practical experiences and industrial applications
• Novel uses of declarative languages in the classroom
• Practical extensions, e.g., constraint, probabilistic, reactive languages.

PADL 2015 welcomes new ideas and approaches pertaining to applications and implementation of declarative languages.

Submissions

Authors should submit an electronic copy of the full paper in PDF using the Springer LNCS format. Proceedings will appear in the LNCS series of Springer Verlag. The submission will be done through EasyChair conference system. All submissions must be original work written in English. Submissions must be unpublished and not submitted for publication elsewhere. Work that already appeared in unpublished or informally published workshops proceedings may be submitted. PADL 2015 will accept both technical and application papers. For more details please consult http://www.cs.nmsu.edu/padl15