CONFERENCE ON

The Role of Theory in Computer Science

UNIVERSITY OF WATERLOO
School of Computer Science

JUNE 24, 2015

Academic computer science is a vast area with many different goals and approaches. But “theory”, aka theoretical computer science, provides models and techniques for the formal analysis of these models; its profound influence can be found throughout computer science.

Speakers from many different areas (VLSI design, asynchronous circuits, testing, verification, graphics, codes, computational complexity, networks, automata, grammars, etc.) will address the role of theory in computer science.

The goal of the Conference is to bring together speakers from many different areas to shed light on how theory is used in practice, and how practical problems can spur the development of theory.

ORGANIZING COMMITTEE

Janusz Brzozowski
University of Waterloo
Lila Kari
Western University
Jeffrey Shallit
University of Waterloo

INVITED SPEAKERS

Dilip Banerji
University of Guelph
Bruce Cockburn
University of Alberta
Jo Ebergen
Oracle
Zoltán Ésik
University of Szeged
Galina Jiraskova
Slovak Academy of Sciences
Helmut Jurgensen
Western University
Ernst Leiss
University of Houston
Jean-Eric Pin
University of Paris
Jacques Sakarovitch
CNRS/Telecom ParisTech, France
Carl-Johan Seger
Intel
Shanker Singh
IBM (Retired)
C. J. (Richard) Shi
University of Washington
Andrew Szilard
Western University
Hellis Tamm
Tallinn University of Technology
Bruce Watson
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For more information, please visit:
www.fields.utoronto.ca/programs/scientific/14-15/computertheory