



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 *Stellenbosch University*

For more information, please visit:

www.fields.utoronto.ca/programs/scientific/14-15/computertheory



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