MFPS conferences are dedicated to the areas of mathematics, logic, and computer science that are related to models of computation in general, and to semantics of programming languages in particular. This is a forum where researchers in mathematics and computer science can meet and exchange ideas. The participation of researchers in neighboring areas is strongly encouraged.

Topics include, but are not limited to, the following: bio-computation; concurrent qualitative and quantitative distributed systems; process calculi; probabilistic systems; constructive mathematics; domain theory and categorical models; formal languages; formal methods; game semantics; lambda calculus; programming-language theory; quantum computation; security; topological models; logic; type systems; type theory. We also welcome contributions that address applications of semantics to novel areas such as complex systems, markets, and networks, for example.

The conference schedule includes refereed papers as well as special sessions on dedicated topics, and invited speakers, including:

Peter Selinger, Dalhousie, Canada
Brigette Pientka, McGill, Canada
Steve Brookes, CMU, USA
Nathalie Bertrand, Inria, France
Peter O’Hearn, Facebook, UK
Sir Tony Hoare, University of Oxford, UK
Bill Roscoe, University of Oxford, UK
Viktor Vafeiadis, Max Plank Institute, Germany
Andrew Appel, Princeton, USA
Steve Zdancewic, University of Pennsylvania, USA
Gordon Stewart, Ohio University, USA
Jan Hoffmann, CMU, USA
Stephen Chong, Harvard, USA
Aslan Askarov, Aarhus University, Denmark
Andrew Myers, Cornell University, USA
Geoffrey Smith, Florida International University, USA
Dan Roy, University of Toronto, Canada
Johannes Borgstrom, Uppsala University, Sweden
Sam Staton, University of Oxford, UK

For more information, and to register for the conference, please go to the website at http://conferences.au.dk/mfps-2016/.

Questions can be directed to the local host, Professor Stephen Brookes at brookes@cs.cmu.edu, or his assistant, Marilyn Walgora at mwalgora@cs.cmu.edu