

ICFP 2009

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- International Conference on Functional Programming
 - <http://www.cs.nott.ac.uk/~gmh/icfp09.html>
- Affiliated workshops
 - Workshops on ML, Erlang, Generic Programming*, Mechanising Metatheory*
 - Haskell Symposium*, Haskell Implementers Workshop*
 - Commercial Users of Functional Programming
 - Developer Tracks

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□ Themes

- Dependent types
- Functional reactive programming
- Formal verification
- Embedded domain specific languages
- Parametricity
- and lots more...

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□ Highlights

- Guy Steele Jr., *Organizing functional code for parallel execution, or foldl and foldr considered harmful.*
 - <http://research.sun.com/projects/plrg/Publications/>
- (HIW) Conor McBride, *Haskell types with added value.*
- Marcos Viera, Doaitse Swierstra, Wouter Swierstra, *Attribute grammars fly first class: how to do aspect oriented programming in Haskell.*
- Max Bolingbroke, Simon Peyton Jones, *Types are calling conventions (Haskell Symposium)*

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□ Experience reports

- ▣ Ryan Newton & Teresa Ko, *Embedded, parallel computer vision with a functional DSL*.
- ▣ Curt Sampson, *Haskell in the “Real World”: writing a commercial application in a lazy functional language*.

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- Talk videos
 - ▣ <http://www.vimeo.com/user2191865>
 - International Conference on Functional Programming
 - Commercial Users of Functional Programming
 - Haskell Symposium
 - Erlang Workshop
 - Haskell Implementers Workshop
- Short video interviews of speakers & attendees
 - ▣ http://vidiowiki.com/feature/fnu/icfp_09

ISS AiPL

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- International Summer School on Advances in Programming Languages
 - <http://www.macs.hw.ac.uk/~greg/ISS-AiPL/>
- Highlights
 - Static & dynamic languages (Phil Wadler)
 - Refinement types (Andrew Gordon)
 - Data-parallel language (Sven-Bodo Scholz)

While we're here

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- Video lecture series introducing functional programming
 - ▣ Presented by Erik Meijer, based on the book by Graham Hutton, *Programming in Haskell*.
 - ▣ Targeted at object-oriented programmers with no prior FP experience.
 - ▣ <http://channel9.msdn.com/shows/Going+Deep/Lecture-Series-Erik-Meijer-Functional-Programming-Fundamentals-Chapter-1/>