

# Call for Papers ASAP09

## 20<sup>th</sup> IEEE International Conference Application-specific Systems, Architectures and Processors

July 7-9, 2009  
Boston, Massachusetts, USA

The conference will cover the theory and practice of application-specific systems, architectures and processors. The 2009 conference will build upon traditional strengths in areas such as arithmetic, cryptography, compression, signal and image processing, application-specific instruction processors, etc. We especially encourage submissions in the following three areas:

- Bioinformatics and computational biology – life sciences present a host of interesting problems that can benefit from application-specific solutions.
- Computational finance – the financial community has significant needs for high performance computing.
- Architecturally diverse systems – systems that use varied computing resources such as FPGAs, GPUs, Cell processors, etc.

The conference venue in 2009 is Boston, which is a wonderful city to visit in its own right, with many sights worth seeing. This vibrant, thriving city is renowned for its cultural facilities, world-class educational institutions, as well as its place at the forefront of American history.

### Important Dates:

Paper Submission	February 20 (extended)
Notification of Acceptance	April 17
Camera-ready Papers Due	May 1
Conference	July 7 to 9

### Conference Leadership:

General Co-Chairs:

Martin Herbordt, Boston Univ.  
Miriam Leeser, Northeastern U.

Finance Chair:

Xinming Huang, WPI

Publicity Chair:

Wei Qin, Boston University

Program Co-Chairs:

Jeremy Buhler, Washington Univ.  
Roger Chamberlain, Washington Univ.  
Milos Ercegovac, UCLA  
Mark Franklin, Washington Univ.