

**Call for Papers**  
**ASAP12**  
**23<sup>rd</sup> IEEE International Conference on**  
**Application-specific Systems, Architectures and Processors**  
**www.asap-conference.org**  
**9-11 July 2012**  
**Delft, The Netherlands**

The conference will cover the theory and practice of application-specific systems, architectures and processors. The 2012 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 2012 is Delft, in the province of South Holland, the Netherlands. This vibrant, thriving city is known for its typically Dutch town center (with canals) as well as the Delft University of Technology, which will host the conference.



**Important Dates:**

Paper Submission	17 February 2012
Notification of Acceptance	2 April 2012
Camera-ready Papers Due	1 May 2012
Conference	9-11 July 2012

**Attention** : ASAP does not require blind submissions

**Submission site:** <http://www.easychair.org/conferences/?conf=asap2012>

**Conference Organisation:**

General Chair: Koen Bertels, Delft University of Technology, Computer Engineering Lab  
Program Co-Chairs:

- Cristina Silvano, Politecnico di Milano
- Roger Chamberlain, Washington Univ.