Inaugural C++ Now! Conference 2012

Call for Submissions

We invite you to submit session proposals to the Inaugural C++ Now! Conference: C++Now! 2012 (Aspen CO, USA, May 14 - 18, 2012).

Based on the successful traditions of 5 years of BoostCon, which was the main face-to-face event for all things C++ and Boost (www.boost.org), C++Now! 2012 will present leading speakers from the whole C++ community. The conference name is changing to C++ Now! to reflect the current value of the language, the focus on its new state (from the new Standard), and the need to continually look to the future so the language remains useful to the C++ community.

The focus of this conference will be the new C++11 language Standard and as usual Boost: what's new in C++, its Standard library, and in the Boost libraries, how to write and maintain them, how to evangelize or to deploy Boost within your organization. The new C++ Standard, but also the infrastructure and process of Boost, its vision and mission – no matter what you are interested in, it all comes together in the C++Now! sessions. Meet the colleagues, and feel the inspiration to support your work with C++ and Boost for the next year.

The C++ Now! Conference is dedicated to discussion and education about C++, an open and free language and standard. Our Conference will focus on discussion and education about open source software usage and developments in the C++ developer and user community.

To reflect the breadth of the C++ and Boost communities, the conference includes sessions aimed at three constituencies: C++ and Boost end-users, hard-core Boost library and tool developers, and researchers pushing the boundaries of computation. The program fosters interaction and engagement within *and across* those groups, with an emphasis on hands-on, participatory sessions.

As a multi-paradigm language, C++ is a melting pot where the most compelling ideas from other programming communities are blended in powerful ways. Historically, some of the most popular sessions at C++Now! have highlighted these concepts, from DSLs to functional programming to transactional memory and more. Bring your C#, Python, Ruby or Haskell influences to bear in an environment that will broaden their exposure.

Important dates

New proposal submissions due: **January 10th, 2012**.
Proposals decisions sent (tentative program available): **February 17th, 2012.**
Fully scheduled program available: **February 25th, 2012.**
Session materials due: **April 15th, 2012**.

Best Presentation Awards

We know how much effort it takes to prepare talks for our conference. For this reason we will award the best presentations in the following categories: *Best Presentation*, *Best Short Presentation*, *Best Tutorial*, and *Best Workshop*. The awards will be given based on the audience's voting. Each award will include the author's name listed on the cover of the C++Now! website for that year and a plaque containing all the C++Now! conference information.

SESSION TOPICS

Topics of interest include, but are not restricted to, the following:

- C++11 and how it changes life for users and library writers
- General tutorial sessions on C++11, the C++11 Standards library, and one or more Boost libraries
- In-depth sessions on using specific Boost libraries
- Case studies on using Boost
- Experts panels
- Advanced sessions on implementation techniques used within Boost libraries
- Development workshops to extend or enhance existing Boost libraries
- Workshops on design process
- Infrastructure workshops such as Build tools, Website, Testing
- Concepts and Generic Programming
- Hardware and infrastructure presentations focused on how libraries can make better use of the technology
- Software development tools and their application to C++ and or Boost
- Other topics likely to be of great interest to Boost users and developers

Interactive and collaborative sessions are encouraged, as this is the style of learning and participation that has proven most successful at such events. Sessions can be tutorial based, with an emphasis on interaction and participant involvement, or workshop based, whether hands-on programming or paper-based, discussion-driven collaborative work.

SESSION FORMATS

Presentations	Presentations focus on a practitioner's ideas and experience with anything relevant to C++11, Boost and users.
Panels	Panels feature three or four people presenting their ideas and experiences relating to C++11 and Boost's relevant, controversial, emerging, or unresolved issues. Panels may be conducted in several ways, such as comparative, analytic, or historic.
Tutorials	Tutorials are sessions at which instructors teach conference participants specific skills relevant to C++11 and Boost.
Workshops	Workshops provide an active arena for advancements in Boost-relevant topics. Workshops provide the opportunity for experienced practitioners to develop new ideas about a topic of common interest and experience.
Author's Corner Presentations	These were introduced at BoostCon 2008, and were a great success. They are short (30 minute) sessions, focusing on tips on usage and design. In addition, we're looking to uncover the hidden design gems in Boost libraries.
Tool Vendors Presentations	We actively encourage tool vendors and ISP's to submit proposals for a special Tool Vendors Session Track aimed at products related to Boost and C++ (compilers, libraries, tools, etc.).

Other formats may also be of interest. Don't hold back a proposal just because it doesn't fit into a pigeonhole.

SUBMITTING A PROPOSAL

Standard Sessions are 60 minutes. You may submit a proposal for fractions or multiples of 90-minutes. Fractional proposals will be grouped into 60 minute sessions covering related topics. Longer sessions, such as tutorials and classes, will be assigned 90 minute, three hour (i.e. half day), or six hour (i.e. full day) time slots.

Please include:

- The working title.
- Type of session: presentation, panel, tutorial, workshop, authors corner, vendor track, other.
- A paragraph or two describing the topic covered, suitable for the conference web site.
- Proposed length: 10-20 minute short talks, 45 minutes, 90 minutes, half day, full day.
- Alternate lengths, if you are willing to make adjustments: 10-20 minute short-talks, 45 minutes, 90 minutes, half-day, full day.
- Audience: users, developers, both.
- Level: basic, intermediate, advanced.
- A biography, suitable for the conference web site.
- Your contact information (will not be made public).

SUBMISSION DETAILS

All submissions should be made through the EasyChair conference management system: http://www.easychair.org/conferences/?conf=cppnow2012. If you have not already registered at EasyChair, you will need to do so in order to submit your proposal.

All submissions will go through a peer review process.

Authors are invited (but are not required) to submit PDF versions of full papers of up to 10 pages in ACM conference proceedings format (see http://www.acm.org/sigs/publications/proceedings-templates). The full papers are not required unless you want them published in the proceedings.

All accepted proposals will be made available in the Association for Computing Machinery (ACM) Digital Library (approval pending). Best papers, after further reviews, will be considered to be book chapters or journal articles in a renowned journal.

The session materials go on the C++Now! website and will be available to attendees.

For general information on the C++Now! 2012 paper submission or the scope of technical papers solicited; please refer to the conference website at www.cppnow.org. For any other questions about the submission process or paper format, please contact the Program Committee at cppnow2012@easychair.com. If you have any technical problems with EasyChair, please contact EasyChair for help.

Note: Presenters must agree to grant a non-exclusive perpetual license to publish submitted materials, either electronically or in print, in any media related to C++ Now!.

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On behalf of the conference organizers