

## Call for papers ([PDF version](#))

IWQoS has emerged as the prime annual event on Quality-of-Service (QoS)-related research and technologies. Building on the successes of previous workshops, the objective of the workshop is to bring together researchers, developers, and practitioners working in this area to discuss recent and innovative results, and identify future directions and challenges. IWQoS has a long standing tradition of being highly interactive while maintaining highest standards of competitiveness and excellence. This characteristic will be re-emphasized by intercepting the regular paper sessions with stimulating discussion events about controversial and cutting edge topics. The program will include the following highlights:

- Key Note by Industrial Speaker
- A Panel on “Self-Organization and QoS” by David Hutchison, Lancaster Univ, U.K.
- A Position Paper Session on “The Impact of QoS: Where Industry meets Academia” by Francois Le Faucheur, Cicso Systems France and Georgios Karagiannis, Twente Univ., The Netherlands.
- A Works in Progress Session focusing on emerging research
- Key Note and Invited Paper by Randy Katz, UC Berkeley, U.S.A.
- [Industrial Exhibition and Demonstration of Tools and Methods related to Quality of Communication](#) by Jan de Meer, Institute for High-performance Microelectronics GmbH, Frankfurt (Oder), Germany

The panel and the short paper sessions will be highly interactive and leave much time and space for the audience to get involved. The position and short papers will go through the general reviewing process but the papers must specifically be submitted to fit the track. Short versions of regular technical papers will not be accepted here. It is rather encouraged to submit work that is either stimulating with a long term vision or that points to immediate relevance with need for controversial debate to address the foremost experts at the venue.

## Technical Program

Quality of Service principles can be applied to a large number of domains. Our goal is to broaden the areas that QoS research can be pulled from by recognizing the multi-disciplinary aspect to much of the research. In addition to the traditional areas, the call for papers does solicit, but is not limited to, papers in such areas as:

- QoS in mobile/wireless environments, Sensor networks, 4G (IP for 3G)
- QoS in overlays and peer-to-peer networks
- QoS in GRID environments
- SLA: end-to-end QoS, QoS in large scale, heterogeneous environments
- QoS-aware software components: QoS for Web Services
- QoS and self-organizing systems
- New frontiers of QoS
- QoS measurement versus control
- QoS adaptation versus resource reservation
- Hidden QoS issues, have we just learned to ignore QoS problems?
- QoS in context aware systems (also related to mobility)
- User perception/user interfaces for QoS
- QoS and distributed systems

- QoS and middleware
- Fault tolerance and QoS
- QoS in ad hoc networks
- Economics and QoS
- Security, trust and QoS
- QoS in the home and everywhere
- QoS and new media
- QoS and haptics , virtual environments
- QoS in business processes, workflows

IWQoS aims to allow rapid dissemination of research results and to provide fast turnaround. The deadline for papers is therefore as close to the conference as the publishers allow. The workshop is a single-track forum spanning two and a half days. It values both theoretical contributions and practical experience.

**Web Site:** <http://www.fmi.uni-passau.de/iwqos>

### **Best Student Paper Award**

Award will be given at the conference to the best student paper, whose first author is a current student.

### **Paper Submission**

IWQoS invites submission of manuscripts that present original research results, and that have not been previously published or currently under review by another conference or journal. Any previous or simultaneous publication of related material should be explicitly noted in the submission. Submissions should be full-length papers that are no longer than 20 double-spaced single-column pages with font sizes of 11 or larger, including all figures and references, and must include an abstract of 100 -- 150 words. All papers must be submitted in either Postscript or the Adobe PDF format, and no other formats are accepted by the paper submission web site. Submissions will be judged on originality, significance, interest, clarity, relevance, and correctness. At least one of the authors of each accepted paper must present the paper at IWQoS 2004. The paper submission can be done [here](#).

### **Short Position Papers for Industry Session and Works in Progress**

We solicit submissions of short papers for the two sessions outlined above. The short papers are limited to three single-spaced pages. Accepted papers will be presented in a 15-minute time period, and will be included in the conference proceedings.

### **Important Dates:**

- Paper abstract deadline: **February 16th , 2005, 11:59pm CET**
- Full paper submission deadline: **February 22th , 2005, 11:59pm CET**
- Short paper submission deadline: **March 7th, 2005, 11:59pm CET**
- Notification of acceptance: **March 24th , 2005**

- Camera-ready papers due: **April 8, 2005**
- Hotel reservation cut-off date: **May 19th , 2005**
- Early registration deadline: **April 8th, 2005**
- Workshop dates: **June 21-23 , 2005**
- Workshop reception and welcome party: **June 20th, 2005**

## Organizational Objectives

Among strong industrial and academic support the 13th IWQoS is supported by the three organizing institutions:

- University of Passau, Germany
- HP Laboratories Palo Alto, California USA
- IHP Institute on Microelectronics GmbH, Brandenburg Germany

The University of Passau will host the all conference activities; it provides excellent conference support for up to 1,000 participants. Features of university support include:

- Support desk in the conference area with professional team to handle technical and logistical issues.
- Lecture room with 180 seats, video projector, internet access
- WLAN connection
- Reserved lunch area on the Inn river banks
- Exhibition space

## The Venue: University of PASSAU, Germany

According to a statement attributed to Alexander von Humboldt, Passau is referred to as one of the seven most beautiful towns of the world:



Passau is spectacularly located on a narrow, rocky tongue of land at the confluence of the Danube, Inn and Ilz rivers near the Austrian border, 150 km northeast of Munich. Passau's Gothic and 17th century Italian Renaissance style architecture, narrow alleys and cobble-stone streets have earned the town the appellation as the "Bavarian Venice".

Munich International Airport is located between Munich and Passau. Other nearby airports are in Vienna, Nuremberg and Linz. Fast train service is available from major European cities.

There are several large hotels in Passau and many Bed-and-Breakfast Inns that offer accommodations for virtually any budget.

Local attractions include St. Stephans Cathedral with the world's biggest church organ (17,974 organ pipes, 233 stops and 4 carillons!), imposing Castle Oberhaus, town hall of 1393 with historical paintings, glass museum, and the Boiotro Roman Museum.



Last but not least, the city hosts five Bavarian Breweries and many beer gardens.

We will also arrange facilitate further tourist activities, e.g., sightseeing tour for early birds on the day of arrival (walking tour and/or river boat tour of the three rivers). These trips will be optional add-ons and paid directly to the tour operator.

Easy day trip opportunities include the famous Castle “Neuschwanstein” (the inspiration for Disney’s Sleeping Beauty Castle), the cities of Vienna, Prague, Salzburg and Regensburg (the Walhalla Memorial), river boat tours to Linz, Vienna, Budapest, or the Black Sea, bicycling or hiking in the Bavarian or Bohemian forests, and the Alps.



### Program Chairs

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