The Venue

Geneva Palexpo is one of Switzerland's largest international exhibition and conference centers. It is located within walking distance from the airport, and a bus links Palexpo in few minutes with the downtown area.

Geneva

Known as the smallest of the big cities, Geneva is considered a truly international metropolitan area, mainly due to the presence of the headquarters of many United Nations agencies. Geneva, world capital of watchmaking and metropolis of scientific research (i.e. European Organization for Nuclear Research CERN), is also a city of graceful lakeside parks. Geneva is only 3 hours from Zermatt, the famous mountain village with the Matterhorn in its background, and 5 hours from Top of Europe with the Jungfrau Railway.

We are looking forward to seeing you in 2011.

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Technical Co-Sponsor:

IEEE photonics SOCIETY

www.ecoc2011.org

ECOC 2011
GENEVA

37th European Conference and Exhibition on Optical Communication

Call for Papers



ECOC 2011

ECOC is the largest conference on Optical Communication in Europe and one of the most prestigious and long-standing events in this field worldwide. ECOC 2011, held in Geneva, Switzerland, will be the 37th edition, showing the unbroken attractiveness of this conference.

ECOC stands for presentation of current scientific work as well as major innovation and latest development in optical devices, in present and future telecommunication systems and networks.

Submission of Papers

The Technical Programme Committee encourages submission of original, unpublished, clear, accurate, and relevant papers in any of the topic areas listed below. Both oral and poster presentations are welcome. Authors should submit using the online submission process, by Thursday, April 14, 2011. Templates will be available online.

Authors must agree to the copyright conditions available as part of the online submission process. All papers will be peer reviewed by the Technical Programme Committee, which reserves the right to accept or reject any submitted paper. Paper presentation will be either oral or poster depending on Technical Programme Committee decisions. Furthermore, the accepted papers will be published as part of the Technical Digest, complete with ISBN reference number and available to all conference delegates. Papers will be also published after the conference through Optics InfoBase, IEEE Xplore, and the IET INSPEC.

SUBMISSION DEADLINE:
APRIL 14, 2011, 17.00 GMT

The online submission will open in February 2011.
www.ecoc2011.org/paper-submission

Programme

Sun. Sept. 18
- Half-day workshops on hot topics in optical communication
- Get-together reception

Mon. Sept. 19 – Thurs. Sept. 22
- Plenary speakers on Monday morning
- Parallel sessions with both invited and contributed papers
- Symposia describing the most recent and influential developments in specific fields
- Tutorials giving a basic introduction to key topics
- Special symposia on FTTH activities in Switzerland
- Welcome cocktail on Monday evening
- Gala diner on Wednesday evening

Mon. Sept. 19 – Wed. Sept. 21
The famous ECOC industrial exhibition will be held at the conference venue during three days.

Contributed papers are solicited in the following topical areas:

1) Fibres, Fibre Devices, and Amplifiers
This area focuses on optical fibres, their fabrication and characterization, the physics of light propagation in optical fibres, fibre amplifiers and fibre lasers, as well as fibre-based devices for communication and sensor applications.

2) Waveguide and Optoelectronic Devices
This area focuses on the fabrication, performance testing, and reliability of devices and components used to generate, amplify, detect, switch, or process optical signals. Technologies include planar waveguides, bulk optics, and photonic bandgap structures based on various material systems.

3) Subsystems for Optical Networks
This area focuses on the modelling, design, and implementation of optical, optoelectronic, or electrical subsystems for fixed or adaptive impairment mitigation, performance monitoring, add-drop multiplexing, and optical packet processing.

4) Transmission Systems and Network Elements
This area focuses on the modelling, design, and implementation of network elements, optical fibre or free-space transmission links, highlighting system-level applications of subsystems and networking elements as well as system-level implications of physical impairments and impairment mitigation techniques. It further covers applications of quantum information technologies.

5) Backbone and Core Networks
This area focuses on the modelling, design, architecture, and scaling of optical WDM and packet-based backbone and metro-core networks, including control and management functions and protocols as well as the application of optical communication technologies in core networks. It also covers aspects of successful commercial deployments and transport field trials.

6) Access Networks and LAN
This area focuses on networking aspects of broadband optical access and local-area networks. It covers FTTx, passive optical networks, radio-over-fibre systems, hybrid wireless/optical solutions, and in-building networks. It also comprises successful commercial mass deployments, field trials, and applications of optical communication technologies in public, private and enterprise networks.