

## ELECTRONIC SUBMISSION

Electronic versions of the papers with the IEEE copyright form should be sent to the meeting secretariat so as to arrive not later than **10 April 2003**. Fax submissions cannot be accepted. Online submission interface will be provided on the conference web site to manage paper uploads. Detailed instruction about electronic paper submission will be published on the conference web site as follows: <http://www.diamond-congress.hu/MWP2003>

All electronic submissions will be acknowledged. Please contact the meeting secretariat if an acknowledgement is not received. The IEEE copyright forms, with signature, should be sent by fax or post. Authors will be notified on the acceptance of the papers by **15 June 2003**.

No submitted material will be returned to the authors.

## POST-DEADLINE PAPERS

A small number of post-deadline submissions will be accepted, describing important new results obtained since the regular submission deadline. They must be prepared according to the instructions for regular papers above, with 12 additional copies of the abstract and summary, and handed over at the meeting registration desk, at the Hungarian Academy of Sciences on 10 September, Wednesday, not later than 17H00.

## SOCIAL PROGRAMME

A programme of activities for accompanying persons will be offered, as well as receptions, an excursion and other optional events for the participants.

## TIME SCHEDULE

Paper submission deadline	10 April 2003
Notification of acceptance of papers/posters	15 June 2003
Registration deadline with discount, hotel reservation deadline	10 August 2003
Conference starts – final registration	10 September 2003

## CONTACT INFORMATION

New information will be posted on the conference web site <http://www.diamond-congress.hu/MWP2003>

Please check this site regularly. It will also be used for online registration and paper submission. In matters of the scientific programme please contact the Programme Committee at [tibor.berceli@mht.bme.hu](mailto:tibor.berceli@mht.bme.hu)

### CONFERENCE SECRETARIAT

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## MWP 2003 COMMITTEES

### Conference Chairman

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**11<sup>th</sup> Microcoll Conference will run parallel with MWP from 10 to 11 September.**  
**You will be able to participate in both conferences at a reduced price!**

## First Call for Papers

# International Topical Meeting on Microwave Photonics



## MWP 2003



**10–12 September, 2003**

**Hungarian Academy of Sciences,  
Budapest, Hungary**



## MWP 2003 SCOPE AND OBJECTIVES

The International Topical Meeting on Microwave Photonics is the major international meeting on microwave photonic devices, systems and applications.

The broadband, low loss transmission capability of optical fibre links has led to much interest in their use for the distribution and control of microwave and millimetre – wave signals. Application areas include antenna remoting for wireless data and cellular radio systems, optically controlled phased array antennas, optical processing of microwave signals and broadband cable television distribution. Photonics brings new functions to microwave systems such as long delay lines, fast spectrum analysis, frequency conversion, probing and control of microwave devices, low phase noise oscillators and ultra-fast analog to digital converters. Conversely, microwave techniques are enabling new generations of optical communication systems with capacities exceeding 1 Tb/s/fibre.

Associated with the evolution of these systems is the development of high-speed optical sources, modulators and detectors with bandwidths extending into the millimetre-wave region.

The International Topical Meeting on Microwave Photonics provides a forum for the presentation of new advances in this multi-disciplinary research area, ranging from novel devices to systems field trials. It is held annually and rotates between North America, the Asia-Pacific Region and Europe.

The 2003 meeting, MWP 2003 will be held at the Hungarian Academy of Sciences, Budapest, Hungary, from 10 to 12 September, 2003.

## MWP 2003 LOCATION

The venue for MWP 2003 is the Hungarian Academy of Sciences, H-1051 Budapest, Roosevelt Square 9.

The building of the Academy, inaugurated in 1865, is one of the most mature and valuable historic examples of the neo-renaissance style. All the conference sessions will be held within the richly ornamented surroundings of the Academy.

## MWP 2003 TECHNICAL PROGRAMME

The meeting will commence on Wednesday, 10 September, with a specially organised workshop. Regular sessions will start on Thursday, 11 September, with oral and poster sessions, concluding with a post-deadline session on Friday, 12 September.

### REGULAR PAPERS

Regular papers will present original and previously unpublished results in microwave photonics and related areas, including the following topics:

#### I Devices, Components and Techniques

- High-speed lasers and detectors
- High-speed optical modulators
- Microwave and millimeter wave modulated optical signal generation techniques
- Optical signal processors
- High-speed optical analog to digital conversion
- High-speed optical switches
- Broadband semiconductor optical amplifiers
- High speed wavelength converters
- Optically controlled microwave devices
- Analog and digital optical fiber links
- Ultra-fast optical probing and measurements
- Hybrid and chip level integration of photonic devices and circuits
- Microwave photonic device and circuit modelling

#### II Systems and Applications

- Fibre-fed wireless and cellular radio systems
- Optical control of array antennas
- Sub-carrier multiplexed and CATV systems
- Optically generated terahertz techniques and applications
- Satellite-based applications
- Microwave aspects of digital optical fibre communication systems
- System design and modelling
- Packaging, practical realisation and field trials
- Novel microwave photonic systems and applications

## PREPARATION OF PAPERS

All authors must submit the following:

1. The electronic version of the 4 page paper (including a maximum 35 word abstract) in PDF format, submitted via the internet site.
2. A completed IEEE copyright form (available on the web site), sent by post or fax.

The first page should begin with the paper title centred in capitals followed by one line space, then the authors' names, affiliations and the corresponding author's complete return address, telephone and fax numbers and e-mail addresses, followed by two line spaces before the main text. If a paper has multiple authors from different organisations, each author's name and address should be listed separately after the title.

**35 Word abstract** – The abstract should be typed after the authors' names and affiliations.

**Paper text** – The paper must not exceed four pages in length including everything, title, abstract, any equations, figures and references. If the paper is accepted it will be printed in the proceedings exactly as submitted. Authors should therefore follow the formatting instructions below in preparing their papers:

**For A4 (210 × 297 mm)**, 2.5 cm margins top and bottom and 2 cm margins left and right

The main text of the paper should be formatted in double columns, spaced by 1 cm, commencing with the abstract and concluding with numbered references in IEEE format. No fonts smaller than 10 pt should be used, and 12 pt Times New Roman font is preferred for the main text. Avoid non-standard fonts in PDF. Please do not use page numbering.

