

Program Book
WFOPC 2007

5th Workshop on Fibers and
Optical Passive Components

December 5 – 7, 2007
National Taiwan University,
Taipei, Taiwan, R.O.C.

Foreword

We welcome all of you to National Taiwan University, Taipei, Taiwan, attending the 5th Workshop on Fibers and Optical Passive Components (WFOPC 2007). The WFOPC series of meetings was initiated by the Italian Chapter of the IEEE Lasers and Electro-Optics Society (IEEE/LEOS). The first two meetings were held in Pavia, Italy, 1998 and 2000, and the third and fourth meetings were held in Glasgow, UK in 2002 and in Palermo-Mondello, Italy in 2005, respectively. This year the WFOPC for the first time moves out of Europe and meet in the East Asia, the region in which the R&D and applications of optical fiber communication technologies have been dynamically taking place.

WFOPC 2007 is featured by two plenary speakers, Prof. Masataka Nakazawa of Tohoku University, Japan and Prof. Lorenzo Pavesi of Universita di Trento, Italy, and eighteen invited speakers from Europe, America, Australia, and Asia. Fifty-five papers have been accepted as oral presentations and twenty-four as posters. The fourteen oral sessions include not only such traditional optical-passive-component topics as fiber and waveguide sensors, fiber devices, photonic crystal fibers, fiber gratings, etc. but also the topics on functional silicon-photonics devices to reflect the important recent rapid advance of silicon-photonics technologies.

We wish to thank all of the Advisory, Steering, and Technical Program Committee members for their full support in shaping this Workshop. Our thanks also go to all authors of the papers for their contributions to the fruitful program. Special thanks are due to Ms. Pei Chang and Ms. Wen-Ping Chen in the office of Prof. C. C. Yang who chairs the Advisory Committee; without their enthusiastic devotion and experienced administrative arrangements, the organization of this Workshop would not have been so smooth.

The Proceedings of WFOPC 2007 are collected in a CD-ROM. We hope it will be a valuable reference to all attendees.

Hung-chun Chang
Silvano Donati
Workshop Co-Chairs

Gong-Ru Lin
TPC Chair