

Preface

Optical Materials is a peer-reviewed scientific journal that publishes original papers and review articles on the design, synthesis, characterisation and applications of materials, suitable for various optical devices. The journal also publishes papers about physical and chemical properties of such materials and their applications. The process of circuit design can cover systems ranging from complex electronic systems all the way down to the individual transistors within an integrated circuit. For simple circuits the design process can often be done by one person without needing a planned or structured design process, but for more complex designs, teams of designers following a systematic approach with intelligently guided computer simulation are becoming increasingly common.

Aiming to the advances of Optical Materials and Circuit Design, 2012 International Conference on Future Optical Materials and Circuit Design (FOMCD 2012) is an annual conference to call together researchers, engineers, academicians as well as industrial professionals from all over the world to present their research results and development activities in Optical Materials and Circuit Design.

FOMCD 2012 is sponsored by Hongkong Education Society, Hongkong. FOMCD 2012 has received more than 120 submissions from 16 countries and regions. The papers come from both academia and industry reflecting the international flavor of this event in the topics of Optical Materials and Circuit Design, Material Science and Engineering, Nanomaterials Synthesis and Properties, Nano Devices and System, Nano materials, Technologies for Applications, Circuits and Systems, Mechanical Engineering, Industrial Electronics, etc. And about 41 papers were accepted to be presented in FOMCD 2012, according to the reports from anonymous reviewers.

We express our thanks to all the members of the General Committee Chairs, Program Committee Chairs, Technical Program Committee and Volunteers who worked so hard to prepare the conference and chair the 7 sessions in FOMCD 2012 .

We hope that FOMCD 2012 will be successful and enjoyable to all participants. We look forward to seeing all of you next year at the FOMCD 2013.

Ying Zhang and Ping He

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