Nonlinear Optics Applications

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Abstract—This is a brief editorial overview of the work devoted to nonlinear optics in the current issue.

The first ten letters of this special issue were prepared by participants to the XI International Workshop on Nonlinear Optics Applications held in Toruń, Poland in September 2011. These International Workshops have been organised since 1992 by researchers at the Warsaw University of Technology and the West Pomeranian University of Technology. The Workshops have dealt with experimental and theoretical aspects of the applications of nonlinear optics, but also with the related photonic phenomena. In the last Workshop in Toruń there were almost 30 participants from USA, Canada, Germany, France, Sweden, Romania, Finland, Italy and Poland (some of them are in Fig. 1).


Finally, the issue contains also a report on fluorescence measurement of hybrid nanostructures composed of light-harvesting complex LH2 from purple bacteria and gold nanorods (L. Bujak et al.).

The variety of contents in the current issue shows that nonlinear optics is still quite a vibrant field [1].

References


Fig. 1. Participants to the XI International Workshop on Nonlinear Optics Applications (September 2011, Toruń, Poland)

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