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ULTRAFAST PHENOMENA
IN SEMICONDUCTORS (14-UFPS)
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Editors of the Proceedings:

Steponas Ašmontas

Jonas Gradauskas

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Preface

The XIV International Symposium on Ultrafast Phenomena in Semiconductors (14-UFPS) continues the series of forums which are held in Vilnius every third year since 1971. The Symposium was organized by the Semiconductor Physics Institute, the Institute of Physics of Polish Academy of Sciences, and Association of Research Institutions. The scientific program of the 14-UFPS was organized in five main sections:

- Nanomaterials and nanodevices,
- Nanostructures and quantum phenomena,
- Microwave and terahertz components and technologies,
- Hot electrons and noise in microdevices,
- Materials for high-speed electronics.

Despite global economic recession the participants of the Symposium have presented over 80 high quality communications, including 20 invited talks, 21 oral and 45 poster presentations. We were happy to meet participants from more than 15 countries.

I would like to express my sincere gratitude to all members of the International Advisory Committee and the International Program Committee for their active participation and honest support in preparing the Program of the Symposium. I am very grateful to the enthusiastic team of the Local Organizing Committee for all the efforts making this event possible. On behalf of the Organizing Committee, we wish to thank the sponsors for their contribution to the success of this Symposium:

- Research Council of Lithuania,
- Science and Technology Park.

This volume contains a selection of the works presented at the Symposium. I do believe that the reader will find useful and interesting material for his/her investigation.

Prof. Steponas Ašmontas
Chair of the Symposium,
Head of Semiconductor Physics Institute
of Center for Physical Sciences and Technology