

2nd Euro-Asian Pulsed Power Conference

4th European Pulsed Power Symposium

7th International Symposium on Pulsed Power and Plasma Applications

5th Symposium on Pulsed Power Applications

IET Pulsed Power Symposium 2008

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Preface

The 2nd Euro-Asian Pulsed Power Conference was jointly organized by the International Society on Pulsed Power Applications e.V., the Semiconductor Physics Institute Vilnius, the German-French Research Institute Saint Louis and the Vilnius Gediminas Technical University under the sponsorship of the International Organizer Committee.

This conference has grown due to the great success of the 1st EAPPC that took place in 2006 in Chengdu, China. In order to attract more countries to active participation in the area of Pulsed Power Technology, the International Organizer Committee has chosen Vilnius, Lithuania for this event. Vilnius is geographically located centrally between Asia and Europe. It was a good vantage point to start this conference in Europe. The conference itself provided an information interchange between industry, academic institutions and research establishments on a broad range of current and emerging research areas in pulsed power presenting both the state of the art and likely future trends. Besides fundamental research, this conference will feature new technologies, their applications, and commercial opportunities for pulsed power, and will describe both the state of the art and likely future trends.

The scientific program of the 2nd EAPPC was organized in five main sections:

- Applications
- Pulsed Power Technology
- Particle Beam Technology
- Diagnostics and Computational Techniques
- Other related topics

The participants of the Conference have presented 6 invited talks, 50 oral and 78 poster presentations.

We express our sincere gratitude to all the members of the International Program Committee for their active participation and sincere support in preparing the Program of the Symposium. We are very grateful to the enthusiastic Local Organizing Committee for all their efforts in making this event possible. We also wish to thank the sponsors for their contribution to the success of this Conference:

- Government of the Republic of Lithuania
- Lithuanian Ministry of Education and Science
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- Lithuanian State Science and Studies Foundation
- Semiconductor Physics Institute (Lithuania)
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I do believe that all attendants found the Conference to be a good forum for the exchange of scientific and individual information, the sharing of ideas and a nice opportunity to begin new co-operations.

Prof. Dr.-Ing. Markus J. Löffler
Chairman of the Conference