

Proceedings of the XI International Conference  
on Ion Implantation and other Applications  
of Ions and Electrons — ION 2016

Kazimierz Dolny, Poland, June 13–16, 2016

*Editors of the Proceedings:*

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WARSAW

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## Preface

The XI International Conference on Ion Implantation and Other Applications of Ions and Electrons ION 2016 was held in Kazimierz Dolny, Poland, 13 - 16 June 2016. The Conference was organized by the Maria Curie-Skłodowska University in cooperation with the Universities of Technology of Lublin and Wrocław. This series of biennial meetings continued the exchange of information among the community of scientists working mostly in the field of ion beams and plasma applications. A wide range of topics are addressed during the ION Conferences including *inter alia*: modification and formation of subsurface layers of metals, semiconductors, insulators and polymers by ion implantation and post-implantation annealing, plasma and electron beam processing of materials, fundamentals of ion, cluster and electron interaction with solids and accompanying phenomena, studies of radiation damage, computer simulations of ionization processes in ion sources.

Close to 80 participants: physicists, material scientists and electronic engineers attended the ION 2016 Conference in Kazimierz Dolny. During the Conference sessions 11 invited talks and 12 short oral contributions were given, as well as 55 posters were presented, focused on specialised areas of research from pure science to applications. The Young Scientists Contest for the best oral presentation was held.

Special thanks are due to all those who have contributed to the organization of the ION 2016 Conference. We wish to specially thank Dr. Wolfgang Skorupa for giving our traditional organ concert in the Fara church of Kazimierz Dolny. The organ built in 1620 is one of the oldest Polish instruments. The next 12th International Conference on Ion Implantation and Other Applications of Ions and Electrons (ION 2018) will also be held in historical and beautiful little town of Kazimierz Dolny, Poland, 18-21 June, 2018.

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