

Proceedings of the XXVII International School
on Physics of Semiconducting Compounds
Jaszowiec, Poland, June 7–12, 1998

Part I

Editor of the Proceedings

Eugenia Kaczmarek

WARSAW

**POLISH ACADEMY OF SCIENCES
INSTITUTE OF PHYSICS**

The XXVII International School on Physics of Semiconducting Compounds "Jaszowiec 98" was organized by the Institute of Physics of the Polish Academy of Sciences, Faculty of Physics of Warsaw University and High Pressure Research Center of the Polish Academy of Sciences.

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Preface

The XXVII International School on Physics of Semiconducting Compounds "Jaszowiec 1998" was organized by the Institute of Physics of the Polish Academy of Sciences in cooperation with the Faculty of Physics of Warsaw University and the High Pressure Research Center of the Polish Academy of Sciences in Warsaw. About 250 participants from Poland and other countries met in hotels *GWAREK*, *KOLEJARZ*, *JAWOR*, and *MAZOWSZE* in Jaszowiec to participate in our annual meeting and listen to 16 invited talks, 4 invited contributions in a special panel session devoted to semimagnetic semiconductors (diluted magnetic semiconductors) and 18 oral presentations. We are very grateful to all the invited and short-presentation speakers for their contribution to a scientific success of the meeting. Further 129 contributions were presented during three poster sessions.

The School part of the Conference was preceded by the Special Tutorial Session, which included 6 lectures given by top specialists. This Session was, as usual, organized in collaboration with the Foundation *Pro Physica* (Chairman — Prof. dr hab. J.M. Kossut, Secretary — dr B. Kowalski).

Both the School and the Tutorial Session rely on generosity of many institutions. In 1998, the financial support was offered by:

- Committee for Scientific Research,
- Ministry of National Education,
- Polish Academy of Sciences (Committee on Physics and Office of International Relations),
- Foundation *Pro Physica*,
- Polish Physical Society,
- UNESCO,
- Leopold Kronenberg Foundation,
- Uni-Export Instruments Ltd (Oxford Instruments representative).

We are sincerely grateful for this support.

The contributed papers submitted for the School Proceedings were carefully reviewed during the meeting by a chosen body of the referees. I would like to thank all the colleagues who agreed to act as the referee of the papers for their help to improve the manuscripts. This and the following issue of volume 94 of *Acta Physica Polonica A* contain, roughly, 80 short contributions and 11 invited papers.

Finally, this is my opportunity to thank all the colleagues who helped me at various stages of the organization. In particular I address my special thanks to Dr. W. Szuskiewicz, Secretary of the School and Dr. E. Kaczmarek, Editor of the Proceedings. We all organizers and participants are very grateful to our Organizing Committee — E. Łusakowska, U. Raczyńska, B. Sułek, J. Wołoszyn, B. Wieczorek, and K. Zatoryb. I really appreciate their help.

Marek Godlewski

Chairman of the School