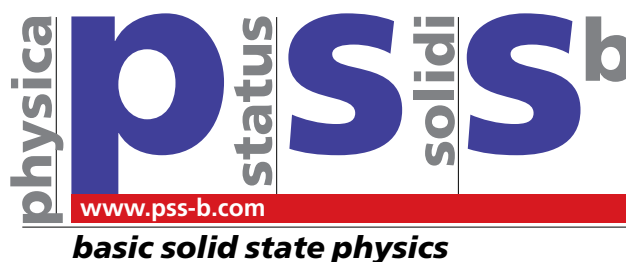


Preface



The *22nd Winterschool on Electronic Properties of Novel Materials* (IWEPNM 2008) took place from 1 March to 8 March 2008. It continued the tradition of winterschools of this type in Kirchberg/Tirol in its well-known atmosphere of collegiality and emphasis on scientific exchange between young and experienced scientists.

The sessions at the IWEPNM 2008 focused on carbon nanostructure synthesis, purification and separation, the characterization and properties of carbon nanostructures, graphene, fullerenes, endohedrals, fullerides, double-walled nanotubes, graphite, non-carbonaceous nanostructures, nanotube optics, molecular electronics, quantum interactions, nanotube devices, electron and heat transport in carbon nanostructures, composites with carbon nanotubes, and on theory and applications of these materials.

The program of the Winterschool was composed of invited oral presentations, poster presentations and mini-workshops. The oral presentations were scheduled in the morning and evening sessions, the mini-workshops took place during the afternoons, and the posters were presented and discussed in two late-evening sessions.

In 2008 the Winterschool took place again at the Hotel Sonnenalp, a hotel ideally suited for the close interactions of the international participants from many countries. We are grateful to the manager of Hotel Sonnenalp, Frau Edith Mayer, and her staff for

the local arrangements as well as her patience for many special requests during the meeting. We owe special thanks to the hotel staff for their careful organization of all events.

The Winterschool benefited substantially from support of the Verein zur Förderung der Winterschulen in Kirchberg, of the Verein zur Durchführung der Internationalen Winterschool of Electronic Properties of Novel Materials, as well as from numerous industrial sponsors. We greatly appreciate their financial contribution without which the meeting would have hardly become possible.

Finally, special acknowledgments go to all contributors of the IWEPNM 2008 and to the authors of this volume, the proceedings of the Winterschool. Viera Skákalová was instrumental in compiling and editing the proceedings.

The next Winterschool in this series will take place from 7 March to 14 March 2009, in Kirchberg/Tirol, and will be organized again by Christian Thomsen from Berlin.

Christian Thomsen
Peter Dinse
Hans Kuzmany
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Berlin, Darmstadt, Wien, Stuttgart, 2008

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