

by Prof. Thomas Schimmel, Editor-in-Chief

Nanotechnology is considered one of the key technologies of the 21st century. Increasingly smaller structures are gaining technological and economic importance. The scope of applications ranges from car paints and catalysis to high-performance materials, from bionic surfaces to medical applications, from nano-electronics to data storage devices, to mention only a few examples. At the same time, the nanosciences are a vivid and rapidly developing area of research, continuously finding and understanding new phenomena and effects related to the small length scale. Things do not only become smaller, they behave differently, opening fascinating perspectives for new science and novel applications and technologies. Nanophotonics, quantum electronics, the lotus effect and the fascinating properties of graphene are only a few well-known examples.

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It is my honour to thank all those who have contributed and who will contribute to the success of this journal. I would like to thank the authors of the articles – and our referees, renowned researchers in the field of nanotechnology, who ensure the scientific quality of the journal. Many thanks go to the members of the Advisory Board and the Editorial Board for their excellent support. Above all, and also on behalf of the authors, the Advisory Board and the Editorial Board, I would like to thank the Beilstein-Institut for launching and funding this unique journal.

It is my pleasure to invite you to become an active part in our journal and to profit from its advantages – as readers, as authors and as editors of Thematic Series.

Thomas Schimmel

Editor-in-Chief
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