Editorial

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This special issue has grown out of discussions in the wake of the SUSY07 meeting, held at Karlsruhe, Germany. While the SUSY07 proceedings *sui generis* have meanwhile been published elsewhere, the present volume is an in-depth review-type publication aiming at a coherent presentation of supersymmetry problems which can be tackled by the LHC experiments.

This special publication is dedicated to the memory of Julius Wess, one of the founding fathers of the supersymmetry concept in particle physics. Sadly, he passed away a few weeks after the Karlsruhe conference. Julius Wess was a member of the Editorial Board of *Zeitschrift für Physik C* and of the *European Physical Journal C* until the very end of his life, and this volume shall also be a respectful tribute to his long-standing relationship with the journal.

It is a pleasure to thank everyone involved in the making of this issue, foremost the colleagues that have contributed their reviews, for their enthusiasm and for their pleasant cooperation. We would also like to mention Jochen Bartels, Editor-in-Chief of EPJ C at the time of launching this project, for his great support throughout the preparation and completion of this issue, and Dieter Haidt and Peter M. Zerwas for their assistance in reviewing and editing the contributions to this publication.

On behalf of all members of the Editorial Board and the publisher,

Siegfried Bethke, Georg Weiglein
Editors-in-Chief

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Executive Publishing Editor

Fig. 1 Picture taken by Thilo Mechau at SUSY 2007 and reproduced with kind permission by Wim de Boer, Karlsruhe

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