

## EDITORIAL

# Welcome to the new *Annalen der Physik!*



Dear Reader,

It is with the utmost pleasure that I present to you the new *Annalen der Physik* (AdP).

Starting with this issue, AdP will offer you more content, a better service and a new look and feel. As obvious signs of change we introduce a new front cover and journal layout. In the future, each issue will highlight an article in the form of a front-cover picture. Furthermore, you will enjoy our newly introduced Physics Forum. Here, we present comments and additional background information, called “Expert Opinion”, on articles published in the same issue or articles that have been recently published in AdP. Dieter Hoffmann and Christian Joas from the Max Planck Institute for the History of Science (Berlin) are the section editors of our new “Then & Now” brief historical essay series. In this series, historical events and highlights will be set in the context of ongoing research efforts in physics. In a recent sample issue the new journal features were introduced for the first time. The sample issue can be downloaded for free from the Wiley Online Library [1]. There, you will also find an article about the history of our journal that celebrates its 222nd anniversary this year.

Despite its long tradition, *Annalen der Physik* is a modern journal and presents itself as a technically advanced publication medium. All manuscripts are submitted and re-

viewed via an online system [2]. Authors are welcome to send video abstracts and additional online material. The journal is hosted on the new Wiley Online Library with modern Web 2.0 functionalities.

More important than the new appearance and technicalities is the internal restructuring of the journal. With a new advisory board AdP enables a new generation of first-class physicists to participate more closely in this journal. With this new team AdP opens up its scope to additional fields in physics and also sets new topical priorities. Already now, it is encouraging and refreshing to see with how much enthusiasm the new board members are supporting this journal. Their contributions and guidance will soon be a visible sign of change for this journal. Emphasis will be given to modern and exciting research of high general interest for the community. *Annalen der Physik* will remain a general physics journal, e. g. covering solid-state physics, quantum physics, cosmology, high-energy and particle physics, atoms and molecules as well as biophysics and other related fields. This also includes topics from applied physics.

Starting with this year, manuscript handling is being carried out by the editorial office in Berlin, Germany. As in the past, a strict double peer-review will be accompanied by a first-rate author service. AdP offers fast

online publishing with high-quality typesetting, article layout and print publishing. As speed is an important criterion for many top scientists AdP introduces the Rapid Research Letters (RRLs) as a new article type for this journal. These letter articles will enjoy priority handling by the editorial office and offer extremely fast online publication times. To achieve this goal only letters with a maximum length of 4 print pages are allowed.

Article types such as original papers and review articles have also changed their format. This is most notable in our new double-column article layout and stricter page restrictions [3]. The aim is to provide the reader with more concise and ‘to the point’ articles that avoid lengthy derivations and descriptions that are too elaborate. Necessary content can still be published as free additional online material, including derivations, tables, computer codes, and videos. In addition, more review articles will be solicited. The Einstein Lecture series, i. e. invited articles from internationally leading scientists, is continued – as evidenced by the fine contribution from Dieter Vollhardt [4] about dynamical mean-field theory for correlated electrons in this issue.

At this point, I would like to thank my predecessor Ulrich Eckern and his editorial team. They have handed over a healthy journal and I am glad

that they are continuing to support the journal as Honorary Advisors. For more information about the achievements of the last 14 years please read the editorial in issue 12/2011 by Ulrich Eckern [5].

Shaping the future of a journal is not completely in the hands of the editor. The most crucial part comes from the scientific community, i. e. scientists, interested persons and enthusiasts like you, the reader. As author and reader you can significantly contribute to the success of AdP by submitting your first-class scientific work and most distinguished manuscripts to this journal. It is only

with your contributions that AdP can be attractive and keep its status of a highly regarded journal. I invite you to be part of the new *Annalen der Physik*!

With kind regards



Guido W. Fuchs

## References

- [1] see *Annalen der Physik* Sample Issue, [www.ann-phys.org/New\\_in\\_2012](http://www.ann-phys.org/New_in_2012).
- [2] Submit your manuscript here: <http://mc.manuscriptcentral.com/andp>.
- [3] see Guidelines to Authors, on *Annalen der Physik* – Wiley Online Library [www.ann-phys.org/](http://www.ann-phys.org/).
- [4] D. Vollhardt, *Ann. Phys. (Berlin)* **1**, 1–19 (2012).
- [5] U. Eckern, *Ann. Phys. (Berlin)* **523**, 962–964 (2011)