

Dear colleagues,

With this newsletter, we would like to invite you once more to participate in the **DPG spring meeting** of the Condensed Matter Section (SKM), together with the **European Physical Society (EPS)** – including the **Biological Physics Division** – at the Technical University Berlin, from **11–16 March 2018!**

Please register and submit your abstract for a talk or a poster soon – the submission deadline is approaching: **December 1, 2017.**

Submit here: <https://www.dpg-tagung.de/b18/submission.html?language=en>

Please note that abstract submission and online registration are two independent steps. During abstract submission, you have to place your abstract into one out of several categories, which correspond roughly to the planned sessions. There might be changes during the final scheduling, but your choice helps the organizers to better plan the schedule. Thanks in advance for making an appropriate pre-selection.

We ask all group leaders to make pre-selection within their group and have at most two contributions submitted as talks. All further contributions are very much invited as posters. Exceptions are possible in special cases, please let us know and we will try to accommodate your requests.

Plenary Talks

The plenary talk of **Ray Goldstein**, Department of Applied Mathematics and Theoretical Physics University of Cambridge, is scheduled for **Tuesday, March 13, 2018** at 8:30 and the plenary talk of **Viola Vogel**, Department of Health Science and Technology, ETH Zürich on **Thursday, March 15, 2018** during lunch time. Information on the location will be provided in due time.

Joint Symposia (Fachübergreifende Symposien)

- *Physics of Biological and Synthetic Active Matter (SYBS)*, organized by Carsten Beta and Holger Stark
- *Data-driven Methods in Molecular Simulations of Soft-Matter Systems (SYMS)*, organized by members of the CPP division.

Confirmed Speakers of BP Focus Sessions

Statistical Physics-based Methods in Molecular Evolution <i>Organizers: Alexander Schug, Martin Weigt</i>	Michael Laessig
Physics of Microbial Systems <i>Organizers: Tobias Bollenbach, Benedikt Sabass,</i>	Sander Tans

Confirmed Speakers of BP Sessions

Membranes & Vesicles	Marcus Müller Markus Deserno
Protein Structure and Dynamics	Birgit Strodel
Cytoskeletal Filaments	Kineret Keren Chase Broedersz
Cell Mechanics	Cecile Sykes Francois Nedelec
Cell Adhesion and Migration, Multi-Cellular Systems	Xavier Trepat Karen Alim

Bioimaging	Achilleas Frangakis
Biospectroscopy	Matthias Weiss
Single Molecule Biophysics	Jan Lipfert
Computational Biophysics	Helmut Grubmüller Dmitry Fedosov
Statistical physics of biological systems	Erwin Frey Claus Heussinger
Biomaterials and biopolymers	Aránzazu del Campo Bécares
Microswimmers	Roland Winkler
Systems biology & Gene expression and signaling	Lev Tsimring
Neurosciences	Wulfram Gerstner

Announcements

Financial Support for young physicists to participate in spring meetings available

The WE Heraeus Communication Programme of the DPG provides financial support to young physicists in an early period of their scientific career (Master, Diplom or PhD thesis) for the participation in the DPG spring meetings! Application deadline is February 2, 2018. Further information on the programme:

<http://www.dpg-physik.de/programme/heraeus/fruehjahrstagungen-heraeus.html?lang=en&>

Conferences

DPG Frühjahrstagung (Spring Meeting) of the Atomic, Molecular, Plasma Physics and Quantum Optics Section (SAMOP): Erlangen, March 5–9, 2018. Please see the following website for further details <http://erlangen18.dpg-tagungen.de/>

The topic of next year's IFF-Spring School is "Physics of Life". It takes place from February 26 till March 9 at the Forschungszentrum Jülich. Please see the following website for details: http://www.fz-juelich.de/pgi/EN/Leistungen/SchoolsAndCourses/SpringSchool/_node.html

→ While the mailing list of the DPG cannot be used for direct announcements of conferences and positions, this newsletter (regularly appearing in May/June and October/November) is a suitable way to spread this information. Please let the BP speakers know in advance if you would like to advertise BP related events.

Looking forward to seeing you in Berlin 2018!

With best regards,

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We would like to encourage everybody to check if he/she is already member of BP. It is important that researchers who are active in this field are also members of our division (note: you can be member of two divisions). To make changes to your membership details, please follow this link: <https://www.dpg-physik.de/mitgliedschaft/formulare/aendern.html>.

For more information, please see: <http://www.dpg-physik.de/dpg/gliederung/fv/bp/index.html>