

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) – including the **Biological Physics Division** – at the University of Regensburg, from **31.3. – 5.4. 2019**.

Online registration is open and accessible at:

<http://regensburg19.dpg-tagungen.de/registrierung/teilnehmerregistrierung>

Deadline for **early bird registration fee: February 15, 2019**.

The comprehensive program (Verhandlungen) will be available very soon at:

<https://www.dpg-verhandlungen.de/2019/index.html>

## BP Program Overview

	Sunday 31.03.2019	Monday 01.04.2019	Tuesday 02.04.2019	Wednesday 03.04.2019	Thursday 04.04.2019	Friday 05.04.2019
09		H1 Plenary Talk J. Ulrich	H1 Plenary Talk E. Bodenschatz	H1 Plenary Talk M. Rief	H1 Plenary Talk M. Wolf	H1 Plenary Talk K. Kremer
10		H4 Protein Structure and Dynamics	H4 Biomimetic and -spectroscopy II	H4 Active Matter I	H1 SSYDN: Physics of Self- Organization in DNA Nanostructures	H10 Cell Adhesion and Migration, Multicellular Systems II
11		H10 Membranes and Vesicles I	H10 Cytoskeletal Filaments	H10 Cell Mechanics I	H10 Biomaterials and Biopolymers I	H11 Cell Adhesion and Migration, Multicellular Systems II
12		H11 Biomimetic and -spectroscopy I	H11 Computational Biophysics	H11 Focus: Collective Dynamics in Neural Networks	H11 Cell Adhesion and Migration, Multicellular Systems I	H11 Active Matter II
13						H1 Closing Talk A. Bausch
14		H1 Prize Talk D. Lohse	H1 Prize Talk H1	H1 Prize Talk H1	H1 Prize Talk H1	
15		H2 Lunch Talks H2/H15	H2 Lunch Talks H2/H15	H2 Lunch Talks H2/H15	H2 Lunch Talks H2/H15	
16		H1 Plenary Talks J. Yeomans	H1 Plenary Talks R. Nemanich	H1 Plenary Talks O. Schmidt	H1 Plenary Talks H. Riel	H1 Plenary Talks C. Moore
17		H10 SYPN: Symposium Patterns in Nature: Origins, Universality, Functions	H10 Membranes and Vesicles II	H10 Statistical Physics of Biological Systems I	H10 Single Molecule Biophysics	H10 Biomaterials and Biopolymers II
18		H11 Systems Biology & Gene Expression and Signaling	H11 BP Poster Session II Poster B2	H11 Focus: Physics of Cilia: Dynamics of Synchronized Oscillators	H11 Cell Mech II	H11 Statistical Physics of Biological Systems II
19		H1 Tutorials H2, H3, H4, H10	H1 Prize Ceremony H1	H1 Cell Mechanics II		
20		H1 BP Poster Session I Poster B2	H1 Plenary Talk L. Greene	H1 BP Annual General Assembly H4		
21		H1 Sunday talk A. Gerst	H1 Lise Meitner Lecture H. Rubinstein-Dunlop			
22		H1 Welcome Evening Mensa		H1 Public Evening Talk G. Paoletti	H1 Post Deadline Session (O, HL, ML) H1, Mensa	
23		H1 Einstein Slam				

This table\* contains only the BP-(co-)organized sessions. Please refer to the BP program for the list of all BP-relevant sessions, joint sessions and symposia.  
(\*subject to changes)

## Plenary Talks

The plenary talk of **Julia Yeomans**, Oxford University, is scheduled for **Monday, April 1<sup>st</sup>** during lunchtime and the plenary talk of **Matthias Rief**, TU Munich, for **Wednesday, April 3<sup>rd</sup>** morning. The plenary talk by **Eberhard Bodenschatz** (Tuesday morning) and **Kurt Kremer** (Friday morning) may also be of interest to you.

## Joint Symposia (Fachübergreifende Symposien)

- *Patterns in Nature: Origins, Universality, Functions*, (SYPN), organized by the DY division
- *Physics of Self-Organization in DNA Nanostructures* (SYDN), organized by the CPP division.

## Confirmed Speakers of BP Focus Sessions

Collective dynamics in neural networks <i>Organizers: Johannes Zierenberg Viola Priesemann</i>	<b>Moritz Helias</b>
Physics of Cilia: Dynamics of synchronized oscillators across scales <i>Organizers: Benjamin Friedrich, Veikko Geyer</i>	<b>Pascal Martin</b>

## Confirmed Speakers of BP Sessions

Membranes & Vesicles	<b>Georg Pabst</b>
Protein Structure and Dynamics	<b>Thorben Cordes</b>
Cytoskeletal Filaments	<b>Rhoda Hawkins</b>
Cell Mechanics	<b>Holger Kress Guillaume Salbreux</b>
Cell Adhesion and Migration, Multi-Cellular Systems	<b>Milos Galic Ben Fabry</b>
Bioimaging & Biospectroscopy	<b>Achilleas Frangakis</b>
Single Molecule Biophysics	<b>Thorsten Hugel</b>
Computational Biophysics	<b>Helmut Grubmüller</b>
Statistical physics of biological systems	<b>Annette Zippelius Karsten Kruse</b>
Biomaterials & Biopolymers	<b>Christine Selhuber-Unkel</b>
Active Matter	<b>Christoph Schmidt</b>
Systems biology & Gene expression and signaling	<b>Berenike Meier</b>

## Closing Talk

We would like to draw your attention to the *Closing Talk* by **Andreas Bausch** on Friday at 12:30, right after the *Active Matter II* session; this talk is jointly organized by BP, CPP and DY.

## Announcements

**BP Poster Awards** – We are happy to continue the tradition of presenting prizes (award money and certificate) to the best poster presenters during the upcoming meeting in Regensburg. The winners will be selected by a poster jury. The awards, sponsored by the EPL Journal, will be presented during the general assembly.

Looking forward to seeing you in Regensburg in March!

*With best regards,*

<b>Sarah Köster</b> <a href="mailto:sarah.koester@phys.uni-goettingen.de">sarah.koester@phys.uni-goettingen.de</a> Georg-August-Universität Göttingen Institut für Röntgenphysik Friedrich-Hund-Platz 1 37077 Göttingen phone +49(551)39-9429	<b>Friederike Schmid</b> <a href="mailto:friederike.schmid@uni-mainz.de">friederike.schmid@uni-mainz.de</a> Johannes-Gutenberg-Universität Institut für Physik Staudingerweg 7 55099 Mainz phone +49(6131)39-20365	<b>Gerhard Gompper</b> <a href="mailto:g.gompper@fz-juelich.de">g.gompper@fz-juelich.de</a> Forschungszentrum Jülich Institute of Complex Systems 52425 Jülich phone +49(2461)61-4012
---	--	--

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 visit: <http://www.dpg-physik.de/dpg/gliederung/fv/bp/index.html>