# Newsletter of the Biological Physics (BP) division of the German Physical Society (DPG)

# 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:

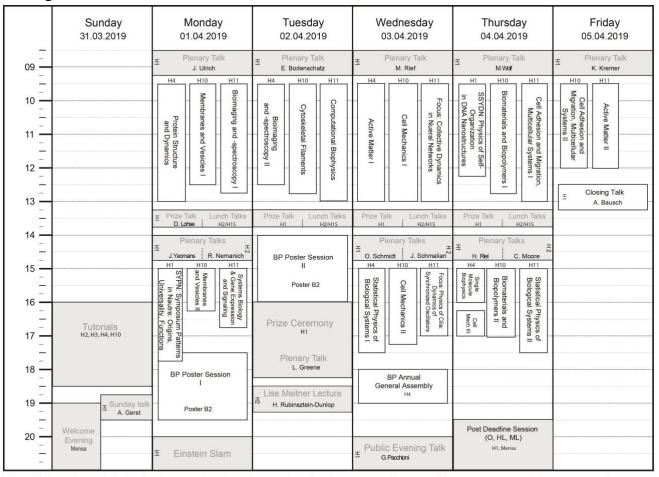
http://regensburg19.dpg-tagungen.de/registrierung/teilnehmerregistrierung

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**



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 3rd** 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.

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## **Confirmed Speakers of BP Focus Sessions**

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

### **Confirmed Speakers of BP Sessions**

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

### **Closing Talk**

We would like to draw you 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,

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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: <a href="https://www.dpg-physik.de/mitgliedschaft/formulare/aendern.html">https://www.dpg-physik.de/mitgliedschaft/formulare/aendern.html</a>.

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

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