

Physics and Physiology of Motile Cilia

688.

WE-Heraeus-Seminar

27-30 January 2019

**Bad Honnef | Germany
Physikzentrum**

KEYNOTE SPEAKERS

Heymut Omran | Ciliopathies
UKM Münster, Germany

Raymond Goldstein | Flagellar synchronization
University of Cambridge, UK

SPEAKERS

Structure and assembly of cilia

Daniela Nicastro
Southwestern University Georgetown TX, USA

Gaia Pigino
MPI CBG Dresden, Germany

Motor control in the axoneme

Frank Jülicher
MPI PKS Dresden, Germany

Jonathon Howard
Yale University New Haven CT, USA

Philip Bayly
Washington University St. Louis MO, USA

Flagellar hydrodynamics

Ramin Golestanian
MPI DS Göttingen, Germany

Jens Elgeti
FZ Jülich, Germany

Navigation of ciliated swimmers

Gaspar Jekely
University of Exeter, UK

Luis Alvarez
Caesar Bonn, Germany

Mariana Medina Sanchez
IFW Dresden, Germany

Cilia as signaling centers

Markus Delling
UCSF San Francisco CA, USA

Dagmar Wachten
University of Bonn, Germany

Jean-Ju Chung
Yale School of Medicine New Haven CT, USA

Benjamin Kaupp
Caesar Bonn, Germany

Collective dynamics

Eberhard Bodenschatz
MPI DS Göttingen, Germany

Nathalie Spassky
ENS Paris, France

Nathalie Jurisch-Yaksi
NTNU Trondheim, Norway

ORGANIZERS

Benjamin Friedrich
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Timo Strünker
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Participants and additional speakers
will be selected from submitted abstracts

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PROGRAM AND REGISTRATION

<https://www.we-heraeus-stiftung.de/veranstaltungen/seminare/2019/physics-and-physiology-of-motile-cilia/>

no registration fee | accommodation and full board is kindly provided by the Wilhelm and Else Heraeus Foundation