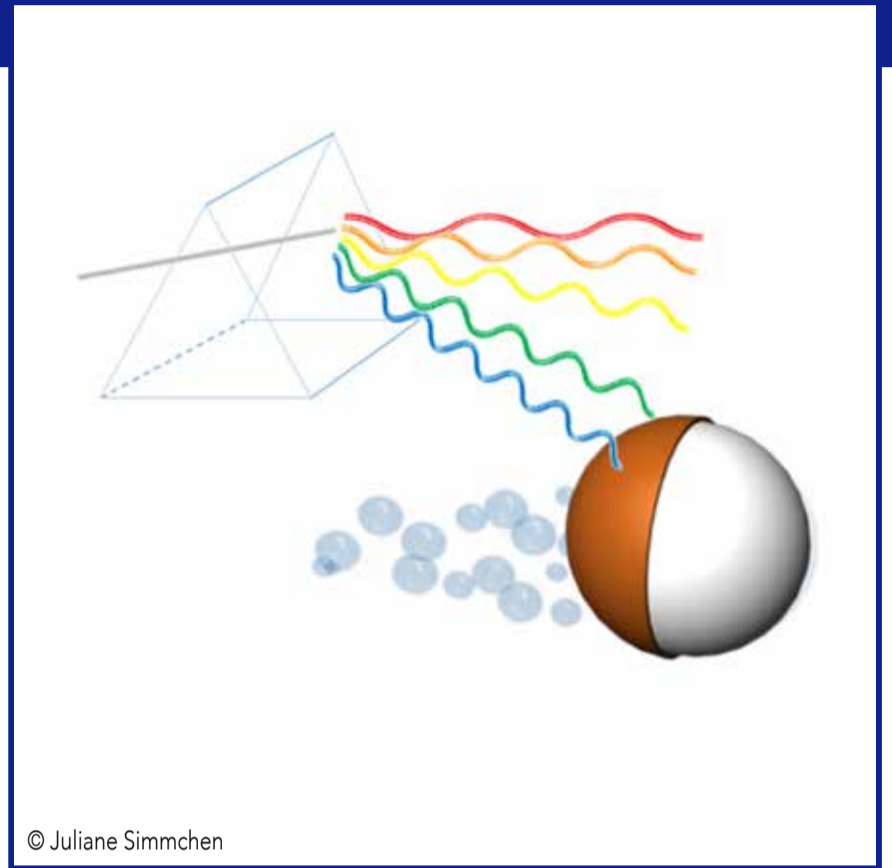




Microscale Motion and Light

International Workshop 22 - 26 July 2019

Micro- and nanomotors and the possibility to push systems out of equilibrium open up exciting new opportunities for smart materials and applications. Nature often takes benefit of sunlight to transform electromagnetic radiation into chemical energy or mechanical processes via photosynthesis. Since artificial catalysts are still far from being competitive, efforts are required to develop catalytic systems, spanning different disciplines such as micromotion, photocatalysis and photochemistry.



Topics:

- Micromotion
- Photochemistry
- Catalysis
- Active matter
- Non-equilibrium-systems
- Colloids
- Water splitting
- Electrochemistry
- Light-responsive materials
- Colloidal assembly

Invited speakers:

Alejandro Baeza (ES)
 Larysa Baraban (DE)
 Radim Beránek (DE)
 Roberto Cerbino (IT)
 Frank Cichos (DE)
 Roberto Di Leonardo (IT)
 Peer Fischer (DE)
 Maria Guix Noguera (ES)
 Qiang He (CN)
 Jan-Philip Hofmann (NL)
 Burkhard König (DE)
 Danqing Liu (NL)
 Bettina Lotsch (DE)
 Frank Osterloh (US)
 Jeremi Palacci (US)
 Stefano Palagi (IT)
 Mihail Popescu (DE)
 Samuel Sánchez Ordóñez (ES)
 Ayusman Sen (US)

Carsten Streb (DE)
 William E. Uspal (US)
 Giovanni Volpe (SE)
 Michael Wark (DE)
 LeiLei Xu (CN)

Scientific coordinators:

Thomas E. Mallouk
 University Park, USA
 Roland Marschall
 Bayreuth, Germany
 Juliane Simmchen
 Dresden, Germany

Organisation:

Mandy Lochar
 MPIPKS Dresden

Applications received before 31 March 2019 are considered preferentially.

Applications are welcome and should be made by using the application form on the event's web page. The number of attendees is limited. The registration fee for the international workshop is 140 Euro and should be paid by all participants. Costs for accommodation and meals will be covered by the Max Planck Institute.

For further information please contact:

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