

# SpinS-2019

## 11<sup>th</sup> International workshop on nanomagnetism

2 – 4 October 2019  
Duisburg / Mülheim an der Ruhr

The program of SpinS-2019 is focused on novel applications of nanomagnetism and covers the most recent experimental and theoretical research developments related to spin phenomena on the nanoscale as well as the design and properties of novel magnetic nanomaterials.

The purpose of the event is to provide an interdisciplinary platform for bringing together experts from materials science, physics, chemistry and medicine.

### TOPICS include

- ✓ Nanofabrication of 3D nanostructures
- ✓ Ultrafast optical control of magnetism
- ✓ Magnetization dynamics in complex systems
- ✓ Magnetoacoustics
- ✓ Nanomagnetic logic
- ✓ Spin-orbit torques and related phenomena
- ✓ Skyrmions
- ✓ X-ray imaging
- ✓ Magnetic MAX-phases
- ✓ Dendrimer-based nanocontainers
- ✓ Magnetic nanohybrids for theranostics
- ✓ Nanomedicine and magnetic hyperthermia

### WORKSHOP ORGANIZERS:

Anna Semisalova, Katharina Ollefs, Michael Farle  
(University of Duisburg-Essen)

### INVITED SPEAKERS:

Maxim **Abakumov** (Moscow)  
Alexandr **Alekhin** (Le Mans)  
Makis **Angelakeris** (Thessaloniki)  
Yu **Fu** (Grenoble)  
Oscar **Iglesias** (Barcelona)  
Hamid **Kachkachi** (Perpignan)  
Naëmi **Leo** (San Sebastian)  
Aram **Manukyan** (Ashtarak)  
Denis **Markelov** (Saint Petersburg)  
Daniel **Marko** (Versailles)  
Luliia **Novoselova** (Duisburg)  
Ulrich **Nowak** (Konstanz)  
Sara **Laureti** (Rome)  
Ulrike **Ritzmann** (Uppsala/Berlin)  
Verónica **Salgueiriño** (Vigo)  
Ruslan **Salikhov** (Dresden)  
Luka **Skoric** (Cambridge)  
Hari **Srikanth** (Tampa)  
Dieter **Suess** (Vienna)  
Aleksandra **Titova** (Dresden)  
Florent **Tournus** (Lyon)  
Daniel **Wegner** (Nijmegen)  
Heiko **Wende** (Duisburg)  
Sebastian **Wintz** (Stuttgart)  
Hyunsoo **Yang** (Singapore)  
Benjamin **Zingsem** (Duisburg)

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DUISBURG  
ESSEN

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EMa  
www.magnetism.eu



CENIDE

CENTER FOR NANOINTEGRATION  
DUISBURG-ESSEN

DFG Deutsche  
Forschungsgemeinschaft

Info & Registration:

[www.uni-due.de/agfarle/spins2019](http://www.uni-due.de/agfarle/spins2019)



Conference venue:  
Mülheim an  
der Ruhr

Katholische Akademie "Die Wolfsburg"

