

# Spin Dynamics in Nanostructures

## Gordon Research Conference

July 16-21, 2017

Les Diablerets Switzerland



### Non Collinear Spin Textures

*Joseph Barker* | Hua Chen | Burkard Hillebrands  
| Axel Hoffmann

### Charge to Spin Conversion

*Xiaofeng Jin* | Wei Han | Tom Seifert  
| Jairo Sinova | Yoshichika Otani

### Topological Matter

*Stuart Parkin* | Hyunsoo Yang  
| Laurens Molenkamp | Yulin Chen

### Spintronic Science and Technology

*Sadamichi Maekawa* | Andrei Bernevig | Claudia Felser  
| Sasikanth Manipatruni | See-Hun Yang

### Magnetization Switching

*Theo Rasing* | Chiara Ciccarelli | Stefano Bonetti  
| Aleksei Kimel | Stephane Mangin

### Antiferromagnetic Spintronics

*Thomas Jungwirth* | Olena Gomonay | Oleg Tretiakov  
| Jakub Zelezny | Eiji Saitoh

### Magnetic Imaging

*Christian Back* | Alexander Khajetoorians  
| Roland Wiesendanger | Ali Yazdani

### Orbitronics

*Vincent Cros* | Masamitsu Hayashi | Yuriy Mokrousov  
| Teruo Ono | Kai Chang

### Future and Prospects for Devices

*Luke Fleet* | Gerrit Bauer | Behtash Behin-Aein | Igor Zutic

*italics denote discussion leaders*

## Meeting Description

The field of spintronics is dynamic and evolving at a tremendous pace.

This field is centered on the creation and manipulation of spin currents and their use in manipulating magnetic moments via the transfer of spin and orbital angular momenta.

## Registration

| **Applications** for this meeting must be submitted by June 18, 2017

| **Acceptance** will be granted by the Chair

| **Registration** can be completed after acceptance

## Organizers

Stuart Parkin | Chair

Bart J. Van Wees | Vice Chair