

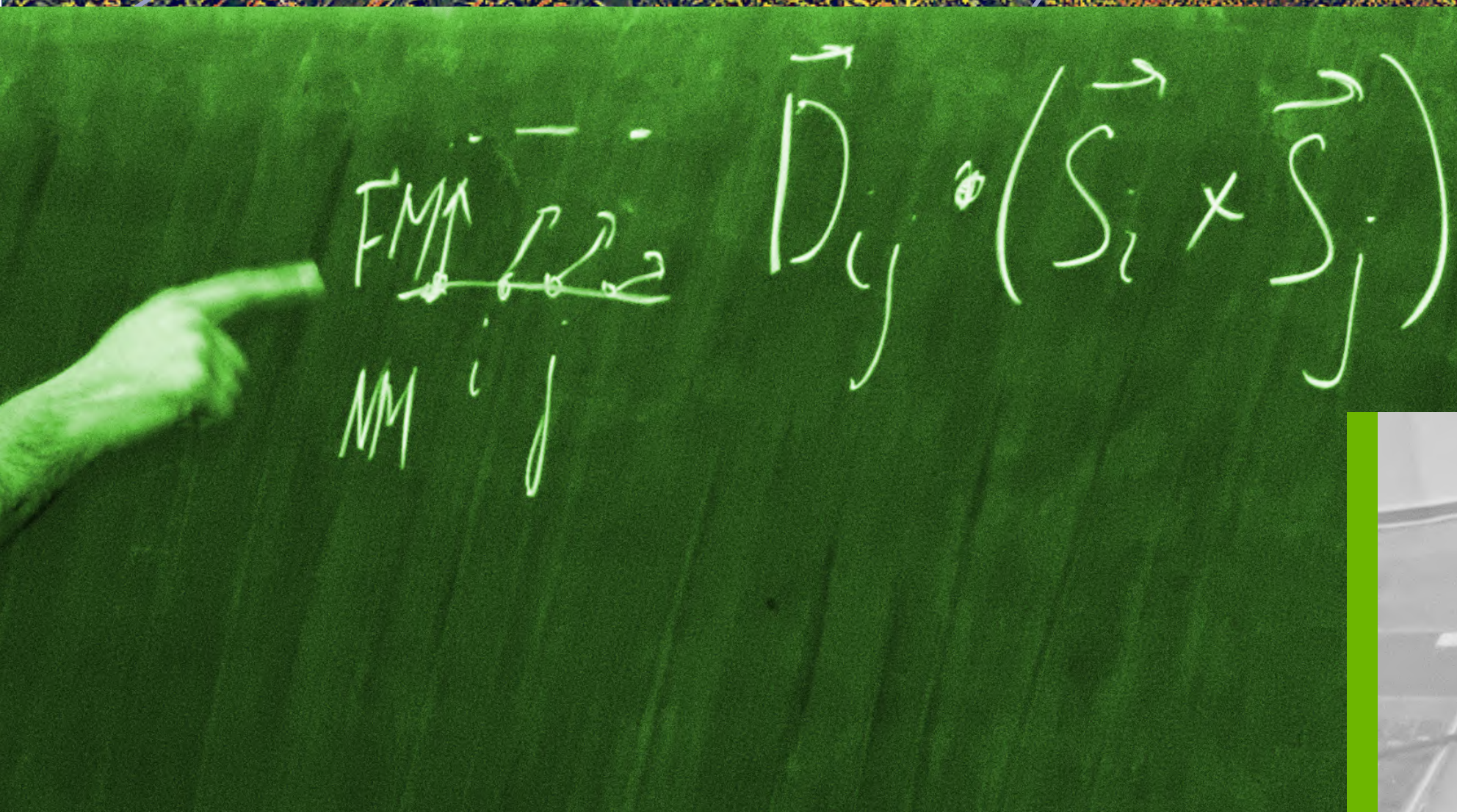


# THE EUROPEAN SCHOOL ON MAGNETISM

## 2020

### SOCIETAL CHALLENGES

Sep 28 - Oct 9 2020  
Saarbrücken  
Germany



#### Local committee

L. ABELMANN, Saarbrücken (chair)  
T. HAUET, Nancy (co-chair)  
H. GAO, Saarbrücken  
U. HARTMANN, Saarbrücken  
S. MANGIN, Nancy  
B. HILLEBRANDS, Kaiserslautern  
M. AESCHLIMANN, Kaiserslautern

#### Steering committee

O. FRUCHART (chair), Grenoble  
L. ABELMANN, Saarbrücken  
S. BLUNDELL, Oxford  
V. FRANCO, Sevilla  
L. HEYDERMAN, Villigen & Zürich  
O. ISNARD, Grenoble  
A. KIRILYUK, Nijmegen  
M. PRZYBYLSKI, Kraków

#### Scientific committee

R. ALLENSPACH, Zürich,  
V. CROS, Paris  
K. EVERSCHOR-SITTE, Mainz  
C. MARROWS, Leeds  
P. OPPENEER, Uppsala  
V. SIMONET, Grenoble  
R. STAMPS, Winnipeg  
S. THOMSON, York  
B. Van WAEYENBERGE, Ghent  
A. ZORKO, Ljubljana

#### Scope

The European School on Magnetism (ESM) is a joint action of the European magnetism community, and is organized under the auspices of the European Magnetism Association (EMA). ESM aims at providing young scientists with a thorough up-to-date insight into the fundamentals of magnetism.

As with previous sessions of ESM, the 2020 School is based on a broad range of lectures, with special attention given to experimental techniques. This covers from the fundamental phenomena underlying experimental techniques, to their implementation and data analysis, including hands-on practicals. The School will be an opportunity for young scientists, both experimentalists and theoreticians, to meet and share their expertise.

#### Topics

- ▶ Basic concepts
- ▶ Magnetism in matter
- ▶ Magnetization processes
- ▶ Magnetism and society
- ▶ Industry perspectives

#### Means of learning

Promoting a close interaction between lecturers and attendees is a crucial aspect of ESM. To achieve this, the programme alternates between lectures, projects, question sessions, analytical and numerical practicals, debates, access to a library dedicated to magnetism, and poster sessions dedicated to the attendees' activities. The School is held in a warm atmosphere with many social activities.

#### Lecturers

Stephen Blundell (UK), Oksana Chubykalo-Fesenko (SP),  
Julie Staunton (UK), Dieter Suess (A), Jeff McCord (D)



<http://magnetism.eu/school/2020>

