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**Program Committee**

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**Local Organizing Committee**

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Jürgen Fassbender

FZD

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FZD, TU Dresden

**Student Selection Committee**

Alexandru Stancu

Xiaoshan Wu

Jeffrey McCord

Kristen Buchanan

Alexandru Ioan

Cuza University

Nanjing University

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Colorado State University

**Venue**

Leibniz Institute for Solid State and Materials Research  
Dresden (IFW)  
Helmholtzstraße 20, 01069  
Dresden, Germany  
Phone: +49 (0)351/ 46 59 0

**Hotel**

Guesthouse "Am Weberplatz"  
Weberplatz 3, 01217 Dresden, Germany  
Phone: +49 (0)351/ 467 93 00

You can reach the IFW by bus no. 61 (bus stop "Wasaplatz", next to the hotel) to stop "Nürnberger Platz". Follow Münchner Straße and turn left into Helmholtzstraße. The IFW is at the end of the Helmholtzstraße on the right hand side. Or you take a nice walk across campus (2 km, approx. 30 minutes)

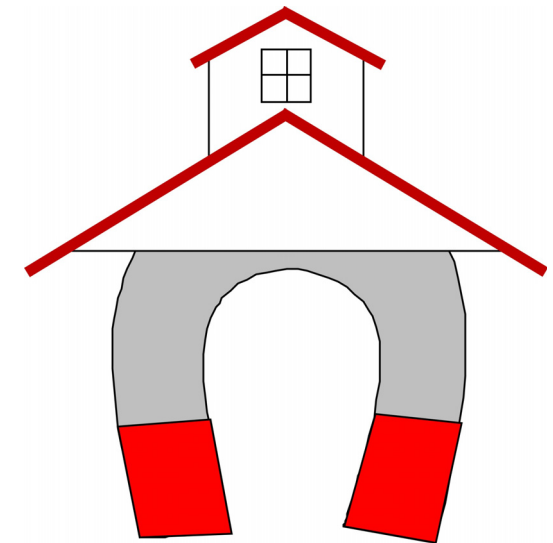
**Congress Agency**

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# Program

## IEEE Magnetics Society Summer School

August 15 - 21, 2010  
Dresden, Germany

**Venue**

Leibniz Institute for Solid State and Materials  
Research Dresden (IFW), Germany



**Sunday, August 15, 2010**

06:00 p.m. - 09:00 p.m. Welcome Reception at the IFW

**Monday, August 16, 2010**

09:00 a.m. - 10:30 a.m. Fundamentals of Magnetism I  
Kevin O'Grady

10:30 a.m. - 11:00 a.m. Coffee Break

11:00 a.m. - 12:30 a.m. Fundamentals of Magnetism I  
Kevin O'Grady

12:30 a.m. - 01:30 p.m. Lunch Break

01:30 p.m. - 03:00 p.m. Fundamentals of Magnetism II  
Arthur Ernst

03:00 p.m. - 03:30 p.m. Coffee Break

03:30 p.m. - 05:00 p.m. Fundamentals of Magnetism II  
Arthur Ernst

05:00 p.m. - 06:00 p.m. Dinner

06:00 p.m. - 07:30 p.m. Poster Session A

**Tuesday, August 17, 2010**

09:00 a.m. - 10:30 a.m. Modelling  
Dieter Suess

10:30 a.m. - 11:00 a.m. Coffee Break

11:00 a.m. - 12:30 a.m. Modelling  
Dieter Suess

12:30 a.m. - 01:30 p.m. Lunch Break

01:30 p.m. - 03:00 p.m. Imaging and Characterization  
Matthias Bode

03:00 p.m. - 03:30 p.m. Coffee Break

03:30 p.m. - 05:00 p.m. Imaging and Characterization  
Matthias Bode

05:00 p.m. - 06:30 p.m. Tour through the IFW

06:30 p.m. - 07:30 p.m. Dinner

07:30 p.m. - 09:00 p.m. Evening talk "(Why aren't There Any) Magnetic Liquids"  
Kevin O'Grady

**Wednesday, August 18, 2010**

09:00 a.m. - 10:30 a.m. Nanomagnetism  
Bob Stamps

10:30 a.m. - 11:00 a.m. Coffee Break

11:00 a.m. - 12:30 a.m. Nanomagnetism  
Bob Stamps

12:30 a.m. - 01:30 p.m. Lunch Break

01:30 p.m. - 03:00 p.m. Spin Dynamics  
Burkard Hillebrands

03:00 p.m. - 03:30 p.m. Coffee Break

03:30 p.m. - 05:00 p.m. Spin Dynamics  
Burkard Hillebrands

Free Time to freshen up

06:45 p.m. Meeting Point  
Terrassenufer

07:00 p.m. - 09:30 p.m. Social Event  
Steam Ship Excursion to Pillnitz  
Dinner on board

**Thursday, August 19, 2010**

09:00 a.m. - 10:30 a.m. Semiconductor Spintronics and Spin Injection  
Georg Schmidt

10:30 a.m. - 11:00 a.m. Coffee Break

11:00 a.m. - 12:30 a.m. Semiconductor Spintronics and Spin Injection  
Georg Schmidt

12:30 a.m. - 01:30 p.m. Lunch Break

01:30 p.m. - 03:00 p.m. Magnetic Recording  
Stella Wu

03:00 p.m. - 03:30 p.m. Coffee Break

03:30 p.m. - 05:00 p.m. Magnetic Recording  
Stella Wu

05:00 p.m. - 06:00 p.m. Dinner

06:00 p.m. - 07:30 p.m. Poster Session B

**Friday, August 20, 2010**

09:00 a.m. - 10:30 a.m. Biomagnetism  
Sarah Majetich

10:30 a.m. - 11:00 a.m. Coffee Break

11:00 a.m. - 12:30 a.m. Biomagnetism  
Sarah Majetich

12:30 a.m. - 01:30 p.m. Lunch Break

01:30 p.m. - 03:00 p.m. Magnetism for Energy  
Oliver Gutfleisch

03:00 p.m. - 06:30 p.m. Tour through the Forschungszentrum Dresden

06:30 p.m. - 09:30 p.m. Farewell Party at the FZD

09:30 p.m. - 10:00 p.m. Transfer back to Guesthouse "Am Weberplatz"

10:00 p.m. End of Summer School