



TECHNISCHE UNIVERSITÄT
BERGAKADEMIE FREIBERG
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UK Magnetic Society

WMM'18

Dresden, Germany
June 12th to 14th, 2018

FINAL ANNOUNCEMENT

8th
INTERNATIONAL
CONFERENCE ON
MAGNETISM AND
METALLURGY

Scope of the Conference

The series of International Conferences, Magnetism and Metallurgy was established in 2004 by the Institute of Metal Forming at the TU Bergakademie Freiberg. The conferences 2006, 2008, 2010, and 2012 took place in Freiberg, respectively Ghent. The following conferences took place in Cardiff, 2014 and Rome, 2016. The 8th International Conference Magnetism and Metallurgy WMM'18 will take place from June 12 to 14, 2018 in Dresden, Germany at Hotel Art (art'otel). It will be organized by Acatrain e.V. and the Institute of Metal Forming at the TU Bergakademie Freiberg. The WMM18 will be co-sponsored by UK Magnetic Society.

Traditional the aim of this series of International Conferences on Magnetism and Metallurgy is to bring together scientists from universities and research groups working on the development of magnetic materials, experts from the producer of magnetic materials as well as electrical engineers from universities and industry, who are engaged in applications of magnetic materials. The WMM18 will be again a forum for the exchange of ideas on the status and further trends between experts from the industry and research institutes. To reach this aim we have establish a new International Advisory Committee, which comprise experts of all the leading companies in the field of electrical steels and their application.

The Institute of Metal Forming at the Bergakademie Freiberg together with Acatrain e.V. as organizers of the WMM'18 hope that the 8th International Conference **WMM'18 in Dresden, June 12th to 14th, 2018** will cover like the previous conferences the latest developments and demonstrate the progress in the field of Magnetism and Magnetic Materials and their Application.

We expect the same kind of audience as at the previous conferences. Beside delegates from the academic world and from research institutions, participants from producers of magnetic materials as well as of electrical machines and components are welcomed to attend the meeting.

The program at the WMM'18 will comprise invited papers as well as contributions on recent obtained R&D results as posters and oral presentations. In addition there will be an exhibition.

All the contributions will be published in a conference proceeding. The participants will receive the proceedings at the conference

Invited papers will provide general overviews on the topics of the conference, which comprise:

- Advances in process techniques: metallurgical routes,
- Progresses in electrical steel grades and other soft magnetic materials as well as hard magnetic materials,
- Status of application of thin strip technology for non-oriented electrical steels,
- Tendencies at the fabrication of grain oriented electrical steels,
- Present status of application of electrical steels for cars and trucks
- Alternative materials for electrical steels and their application,
- Progress in modelling the evolution of microstructure and texture along the metallurgical processing route for electrical steels
- Improved material characterization and progress on modelling the effects of magnetic materials in electrical machines
- Optimum selection of electrical steels for given applications.

Chairpersons

Prof. R. Kawalla, Freiberg (Rudolf.kawalla@imf.tu-freiberg.de)

A. Moses, Cardiff (mosesAJ@cardiff.ac.uk)

Program Managers

Prof. J. Schneider, Freiberg and Dresden (schneider.juergen@t-online.de)

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Local Organizing Committee

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International Advisory Committee

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Victorino Franco, Universidad de Sevilla, Spain

G. Pasquarella, Laser Cut, Switzerland

S. Siebert, Brockhaus Messtechnik GmbH, Germany

N. Volbers, VAC, Germany

Andreas Schoppa, PMG Füssen GmbH, Germany

Thomas Pfatschbacher, Primetals, Austria

Phil Clements, Cogent Power

Erik Hilinski, Tempel Steel, US

Chen Lingfeng, Shougang Group Co., Ltd, China

Sebastião da Costa Paolinelli, Aperam South America, Brazil

Shenglin Chen, Wuhan Iron and Steel Co), China

Sigrid Jacobs, ArcelorMittal Global R&D, Belgium

Yoshiyuky Ushigami, Nippon Steel Sumitomo Metals Corporation, Japan

Jong-Tao Park, Posco, Korea

Steve Sprague, Proto Lam, LLC, US

Secretary's office of the WMM'18

Kristin Butze

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Conference Venue and Program

The 8th International Conference Magnetism and Metallurgy WMM'18 will take place in art`otel Dresden. WMM'18 will start at 8.30 on Tuesday, 12th June, 2018 and end at 3.30 p.m. on Thursday, 14th June, 2018.

Registration can be done on Monday, 11th from 4 p.m. to 6 p.m. and on Tuesday from 7:30 a.m. to 9 a.m.

The program includes presentation of invited papers and contributions on recent obtained R&D results as posters and oral presentations. In addition there will be an exhibition. The presentation time of invited papers will be 30 minutes and 15 min for oral presentations including a short discussion. The conference language is English.

The final program you will find as pdf- file on the website www.imf.tu-freiberg.de/wmm2018

Social events for all participants comprises a “get together party” at the Institute of Metal Forming (IMF) of TU Bergakademie Freiberg on Tuesday, 12th June. The participants will go by bus to Freiberg and see the old town of Freiberg. They also have the possibility to visit the labs and pilot plants of the IMF.

On Wednesday, June 13th, there will be a boat trip along the river Elbe. The trip goes from the center of Dresden to castle Pillnitz and back. The trip also includes a dinner.

Posters and Exhibition

The participants at the WMM18 may present their contributions on recent obtained R&D results as posters.

Poster dimension: 0.84 m x 1.19 m (A0). Panels to attach the posters will be provided at the conference.

Papers of all the contributions will be published in the conference proceeding. The guideline for the preparation of the manuscript for the conference proceeding is given on the website www.imf.tu-freiberg.de/wmm2018.

For exhibition you have to fill in an application form, see this announcement and send it to secretary's office of the WMM'18 acatrain@tu-freiberg.de.

The exhibitors may also publish a paper within the proceedings. The guideline for the preparation of the paper is the same as for posters, see www.imf.tu-freiberg.de/wmm2018.

Exhibit space: table (1.80 m x 0.70 m), two chairs, electric outlet, exhibitor roll-up or banner accepted.

Proceedings

The WMM18 proceedings book, including all the papers from invited speakers and contributions on recent obtained R&D results as posters and oral presentations, will be distributed at the conference. Also the exhibitor may prepare a paper. The proceeding book will be published by TU Bergakademie Freiberg. All papers will be printed without a processing by reviewers. The authors of the papers are responsible for the content of their paper. Additional conference proceedings can be bought at the registration desk.

In the case that the authors of poster contribution would prefer a publication in a journal with a review system they may do it independent of the poster at the WMM18. In this case the authors are kindly asked to prepare in any case an extended abstract (5 to 8 pages) for the conference proceedings.

Deadline for the submission of the full papers is April 20th, 2018. The authors are kindly asked to follow the guideline for the preparation of the manuscripts.

The participants will receive the proceedings at the conference.

Conference Information

All the following information about WMM'18 conference can be found on the following website: www.imf.tu-freiberg.de/wmm2018

Registration and fees

The registration fee includes conference proceedings, refreshments, lunches, welcome party as well as the boat trip (conference dinner).

Early bird registration until May 11 th , 2018	590 EUR
Registration after May 11 th , 2018	650 EUR
Exhibitor Including registration, exhibition space, social program and conference dinner	1050 EUR
Accompanying person excursion to Freiberg	40 EUR
Accompanying person to conference dinner (boat trip) in Dresden	100 EUR

For registration you are kindly asked to complete the registration form that can be found in this announcement as well as in the following website www.imf.tu-freiberg.de/wmm2018. Please send it to the conference office acatrain@tu-freiberg.de

You may also register online at the website www.imf.tu-freiberg.de/wmm2018/registration.

Please keep in mind that poster and exhibition applications forms have to be sent separately. Please use the registration forms.

VISA application

All regularly registered conference participants who need an invitation letter for VISA application can send their request to the WMM'18 secretary.

Accommodation

There is an allotment of rooms at **art'otel**.

<https://www.artotels.com/dresden-hotel-de-d-01067/gerdrart>

There are special rates from June, 11th to June, 15th:

Double Room Single Use	Standard BB	85 EUR per room per night
Double Room	Standard BB	95.EUR per room per night

Buffet Breakfast included.

The hotel is located only 15 min away from the old center of Dresden. The address of **art'otel** is:

Ostra Allee 33, 01067 Dresden

The participants of the WMM'18 have to book the accommodation directly at the hotel. They should mention the keyword WMM 2018. In case a longer stay in Dresden is planned you have to ask the reception at the hotel.

Here are some hotels nearby the conference location:

Maritim Hotel Dresden, Devrientstraße 10-12, 01067 Dresden,
+49 351 216 0 / info.dre@maritim.de

Leonardo Hotel, Magdeburger Straße 1A, 01067 Dresden
+49 351 48670 0 / info.dresden@leonardo-hotels.com



How to reach Dresden and the hotel

Dresden can be easily reached by plane from Frankfurt, München and Düsseldorf as well as by car. The central art'otel Dresden is ideally situated in the heart of the city, only a few minutes away from famous Dresden Zwinger. With a tram station and a train station just across from the hotel, the art'otel Dresden can easily be reached by public transportation.

From Airport Dresden Klotzsche

- Take S Bahn 2 (direction S Bahn Pirna) to Dresden Mitte (travel time approximately 20 minutes)
- Walk northeast on Könneritzstrasse towards the Elbe River
- Take a right into Ostra-Allee, the hotel will be on your right (walking time approximately 6 minutes)
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From Dresden Hauptbahnhof main train station

- Take tram line 10 (direction Dresden Messe Gleisschleife) and get off Dresden Bahnhof Mitte (travel time approximately 5 minutes)
- Walk northeast on Könneritzstrasse towards the Elbe River
- Take a right into Ostra-Allee, the art'otel Dresden will be on your right (walking time approximately 6 minutes)

From Dresden Neustadt train station

- Take tram line 6 (direction Dresden Wölfnitz) or tram line 11 (direction DD Zschernitz Münzmeisterstrasse)
- Get off at Kongresszentrum/Haus der Presse (travel time approximately 3 minutes)
- Walk southwest and take a left at Ostra-Allee, the central art'otel will be on your right (walking time roughly 5 minutes)

Important Dates

	Start	End
Application for exhibition		April 20, 2018
Early bird registration		May 11, 2018
Registration		June 5, 2018
Manuscript submission		April 20, 2018
Conference	June 12, 2018	June 14, 2018

Payment and cancellation conditions

The registration is binding. Please transfer the conference fee after receiving the invoice/registration confirmation. Cancellation is possible without any costs until May 11th, 2018. After May 11th, 2018 a cancellation fee of 50 % of the invoice total is due. A substitute person can be designated and should be announced without additional costs.

Payment can be done by:

- Bank transfer
- Paypal

WMM'18 Registration Form

Title	
Scientific title	
First name	
Name	
Company	
Address	
Zip code	
City	
Landline phone	
Email	

**Early bird registration until
May 11th, 2018**

conference fee: 590 EUR

**Registration after
May 11th, 2018**

conference fee: 650 EUR

- Participation WMM'18 Yes No
- Exhibitor Yes No
- Participation in excursion to Freiberg Yes No
- Participation in boat trip (conference dinner) Yes No
- Accomp. person for excursion to Freiberg (+ 40 €) Yes No
- Accomp. person conference dinner, boat trip (+ 100 €) Yes No

Comments by the applicant:

You may send the registration form via email to acatrain@tu-freiberg.de or you register online at the website www.imf.tu-freiberg.de/wmm2018/registration.

WMM'18

Exhibition Application Form

I wish to present an **exhibition** at the 8th International Conference Magnetism and Metallurgy to be held in Dresden, June 12 to 14, 2018

Title	
Scientific title	
First name	
Name	
Company	
Address	
Zip code	
City	
Landline phone	
Email	

Subject of the exhibition:

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Payment:

The exhibitors (presentation of equipment, measuring devices or special materials) will pay a total sum of EUR 1050, including the conference registration fee.

Please complete this form and return to:

Kristin Butze

ACATRAN e.V.

Bernhard-von-Cotta-Str.4, 09599 Freiberg, Germany

Tel: +49 3731 394136

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