# The 24th International Workshop on **Rare-Earth** and **Future Permanent Magnets** and their **Applications** (REPM 2016)

REPM 2016 DARMSTADT

Announcement, Call for Papers and Invitation for Exhibitors

**Darmstadt, Germany**
**28 August - 1 September 2016**

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TECHNISCHE UNIVERSITÄT DARMSTADT

## Announcement

You are hereby cordially invited to attend the 24th International Workshop on Rare-Earth and Future Permanent Magnets and Their Applications (REPM 2016), which will be held in Darmstadt, Germany from 28 August to 1 September 2016. The workshop provides a platform for scientists and engineers from all over the world working in the field of permanent magnets to get together and discuss their research and ideas on topics including:

- **High perfomance magnets**
- **Rare-earth free magnets**
- **Mining, raw materials, recycling**
- **Advanced synthesis**
- **Modelling and characterisation**
- **Coercivity mechanisms**
- **Applications**

## Workshop

The workshop will be chaired by Prof. Oliver Gutfleisch, Technische Universität Darmstadt and Fraunhofer IWKS, and Dr. Matthias Katter, Vacuumschmelze GmbH & Co. KG.

Prof. Dr. Oliver Gutfleisch

Dr. Matthias Katter

The workshop has a long history ever since Karl J. Strnat initiated the series of meetings almost 40 years ago.

The objectives of the workshop are to bring together scientists and engineers working on rare-earth permanent magnets and their applications and to facilitate exchange of recent results and ideas on topics such as raw materials, resources, as well as processing and properties of rare-earth and future permanent magnets.

## Venue

© Thomas Ott

Hörsaal- und Medienzentrum / Lichtwiese

The workshop takes place at Technische Universität Darmstadt, Campus Lichtwiese, building L4|02, Franziska-Braun-Straße 10, 64287 Darmstadt.

| 107 | 108 | 109 | 110 | 111 |
|---|---|---|---|---|
| Bh | Hs | Mt | Ds | Rg |
| Bohrium | Hassium | Meitnerium | Darmstadtium | Röntgenium |
| (262) | (265) | (266) | (281) | (280) |

## Travel

Arrival by plane: Situated 25 km away, the Frankfurt International Airport can be reached in approximately 20 minutes by car via the motorway A5. The shuttle bus "Airliner" will take you comfortably from the airport to Darmstadt main station.

Arrival by train: The train types ICE, IC and EC, as well as others, stop at Darmstadt main railway station. Outside the main entrance public transport (bus or tram) is available.

## Contact

**Sabine Crook, MA**
inforepm@fm.tu-darmstadt.de

## Conference Dinner

Orangerie, the conference dinner venue

The conference dinner will take place in the Orangerie, a small château inside one of the most beautiful parks in Darmstadt.

## Exhibition

Companies can rent a booth for the exhibition of their products & services during the Workshop.

The exhibition area is located in the foyer of the Medienzentrum, the conference venue.

Exhibitors/sponsors can choose between three different packages (Cerium – Neodymium - Terbium), see table. For individual arrangements and prices please contact Mrs. Sabine Crook.

| | Cerium | Neodymium | Terbium |
|---|---|---|---|
| Booth space | 3 m² | 3 m² | 6 m² |
| promotion in the symposium bag | ✓ | ✓ | ✓ |
| logo on the website and proceedings | | ✓ | ✓ |
| conference participants | | 1 | 2 |
| extra promotional posters during event | | | ✓ |
| company logo during intermission slide show | | | ✓ |

Booth rental includes tables, chairs, and access to power outlets and Wi-Fi.

## Darmstadt

Mathildenhöhe, Hochzeitsturm

Darmstadt is a city in the Bundesland (federal state) of Hessen in Germany, located in the southern part of the Rhine-Main-Area (Frankfurt Metropolitan Region) and has a population of 150 000. Darmstadt holds the official title "Wissenschaftsstadt" (City of Science) as it is a major centre of scientific institutions, universities and high-tech companies. Amongst them is the European Space Operations Centre (ESOC) as well as the Helmholtz Centre for Heavy Ion Research (GSI), where six chemical elements, among them Darmstadtium and Hassium (atomic numbers 110 & 108), were discovered. The Technische Universität (TU) Darmstadt is one of Germany's leading technical universities with more than 26 000 students.

Until 1945 Darmstadt was the capital of Hessen, which used to be an independent country until the formation of the German Empire in 1871. As the administrative centre of an increasingly prosperous duchy, the city gained international prominence. In the 20th century, the industrial sector (especially chemicals) as well as science and electronics (later information technology) sectors became increasingly important and are still a major part of the city's economy.

Darmstadt was a centre of the Art Nouveau (Jugendstil) movement. Examples of the period include the Rosenhöhe, a landscaped English-style rose garden from the 19th century and the Mathildenhöhe, with the Hochzeitsturm (Wedding tower), the Russian Chapel and large exhibition halls as well as many private villas built by Jugendstil architects who had settled in Darmstadt.

## Important Dates 2016

| | |
|---|---|
| **19 February** | **Abstract submission deadline** |
| **19 February** | **Begin of registration** |
| **14 March** | **Acceptance notification** |
| **16 May** | **Full paper submission deadline** |
| **16 May** | **End early bird registration** |
| **15 June** | **Announcement final program online** |
| **15 July** | **Close of hotel reservation contingency** |
| **31 July** | **End of online registration** |
| **28 August – 1 September** | **REPM 2016** |

## Registration Fees

| | Early Bird | Regular |
|---|---|---|
| Full Registration | 550 € | 650 € |
| Student* | 250 € | 300 € |
| Spouse Program | 100 € | 100 € |

*) requires valid student ID

## Registration includes

Admission to all scientific sessions, daily lunch, conference dinner, exhibition, conference material, welcome reception, beer and pretzels at the evening poster session and coffee breaks. Additionally, a four-day-ticket for Darmstadt's public transport system is included in the registration fee.

For your spouse or partner we offer an interesting program during the time of the conference, read more on our homepage.

**www.REPM2016.org**

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RESPONSE

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