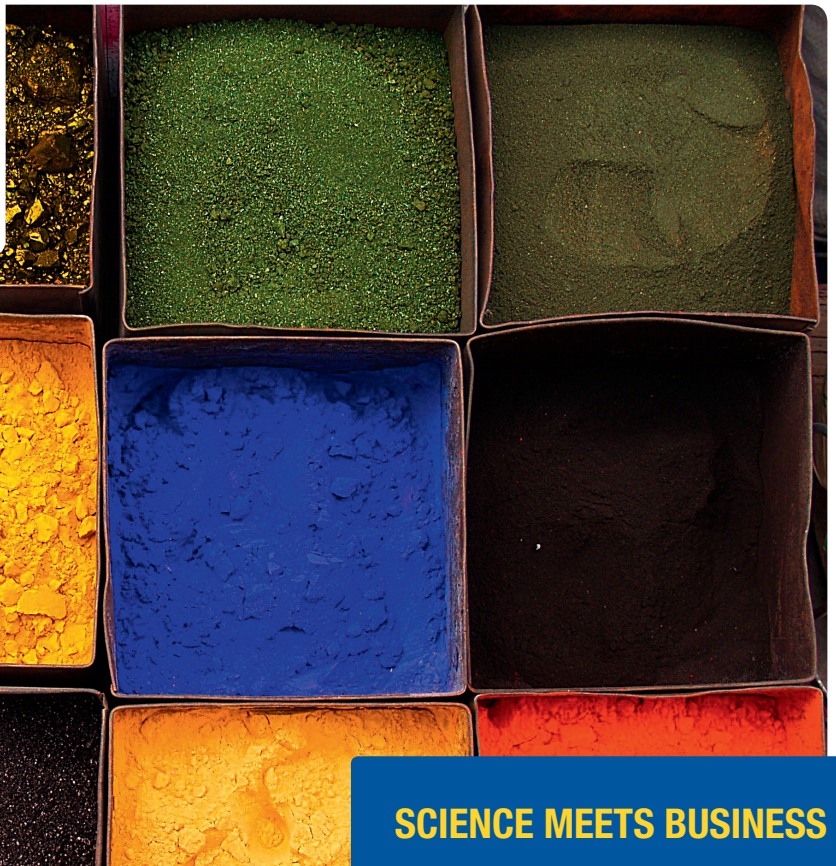









RARE EARTH
REEC
ELEMENTS + COMPOUNDS



1st Rare Earth Elements and Compounds Conference

Invited Speakers Only

-  **Prof. Dr. Koen Binnemans**
-  **Prof. Dr. Jean-Claude Bünzli**
-  **Kathryn M. Conway**
-  **Prof. Dr. Uwe Karst**
-  **Prof. Dr. Cees Ronda**

and much more as mentioned in the agenda

Highlights

Visit the planetarium with the sharpest digital image resolution of Europe.
Enjoy some unforgettable hours in the historical Westphalian rooms of the Mühlenhof open-air museum.

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Poster session

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You can show your latest results of your research and get a lot of networking opportunities with the industry.

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MAIN TOPICS

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- MAGNETISM
- MINING & RECYCLING
- ECONOMIC ASPECTS

▶ Please contact me for your individual quotation for sponsoring, exhibiting or other advertising options. Hope to see you in Münster. Kind regards, yours

MARTIN GRÜNDKEMEYER, Netzwerk Oberfläche NRW (the Surface technology Network in North Rhine Westphalia)
Mendelstraße 11 · 48149 Münster · Tel.: +49 251 980 1125 · E-Mail: info@reec-conference.eu

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|------------------|-------------|---|--|
| 4th Sept. | 17.00–21.00 | Registration & Get together | |
| 5th Sept. | 9.00 | Opening Dr. Thomas Robbers | |
| | 9.15 |  Dr. Kathryn Conway – UN Environment Programme, Paris „Overview of Efficient Lighting Policy Trends Worldwide: Phosphors Enable Progress“ | Moderation: Prof. Dr. Thomas Jüstel University of Applied Science Münster |
| | 9.55 |  Prof. Dr. Jean-Claude Bünzli – Swiss Federal Institute of Technology (EPFL), Lausanne  Center for Next Generation Photovoltaic Systems, Korea University (Republic of Korea) „The Fascinating World of Lanthanide Luminescence“ | |
| | 10.40 |  Dr. Stefan Pirker – Treibacher Industrie AG, Althofen, Österreich „Rare Earth – Critical resources for the industrialized world“ | |
| | 11.25 |  Dr. Cees Ronda – Philips Group Innovation, Eindhoven – Utrecht University, Utrecht  Zhejiang University, Hangzhou „Rare Earth Scintillators“ | |
| | 12.10 | Lunchbreak & Poster Session | |
| | 13.10 |  Dr. Ralf Petry – Merck KGaA, Darmstadt „Rare Earth Phosphors for LED Lighting“ | Moderation: Prof. Dr. Michael Bredol University of Applied Science Münster |
| | 13.50 |  Prof. Dr. Stoyan Gutzov – Kliment Ohridski Universität, Sofia „Preparation and optical properties of SOL-GEL MATRICES doped with Lanthanides“ | |
| | 14.30 |  Dr. Pieter Dorenbos – Universität Delft, Delft „Energy levels of rare earth Associate“ | |
| | 15.10 | Coffee Break & Poster Session | |
| | 15.50 |  Prof. Dr. Markus Haase – Universität Osnabrück, Osnabrück „Up-conversion for diagnostic purposes“ | Moderation: Prof. Dr. Rainer Pöttgen Westfälische Wilhelms- Universität Münster |
| | 16.30 |  Prof. Dr. Uwe Karst – Westfälische Wilhelms-Universität Münster, Münster „Lanthanides as mass tags: From nanobarcodes for explosives tracking to biomedical applications“ | |
| | 17.10 | Refreshing (free time) | |
| | 17.30 | Transport | |
| | 18.00 | Planetarium Münster | |
| | 19.00–22.00 | Diner at Mühlenhof | |
| 6th Sept. | 8.55 | Opening | |
| | 9.00 |  Prof. Dr. Henning Höpfe – Universität Augsburg, Augsburg „Structure – Property Relations of Phosphates Doped by Lanthanides“ | Moderation: Dr. Cristian A. Strassert CeNTech – |
| | 9.40 |  Prof. Dr. Gerd Meyer – Universität Köln, Köln „The Fascinating World of Lanthanide Oxidation States“ | |
| | 10.20 |  Dr. Dominik Uhlich – Tailorlux GmbH, Münster „Plagiarism protection and security marking“ | Westfälische Wilhelms- Universität Münster |
| | 11.00 | Coffee Break | |
| | 11.20 |  Prof. Dr. Dr. h.c. Günter Kaindl – Freie Universität Berlin, Berlin „Rare-Earth Magnetism“ | Moderation: Dr. Daniel Wegner Emmy Noether Group Leader „NanoMagnetism“ |
| | 12.00 |  Dr. Norbert Götschmann – Lloyd Dynamowerke GmbH & Co. KG, Bremen „New generation of generators on the wind energy sector“ | |
| | 12.40 |  Prof. Dr. Koen Binnemans – Katholieke Universiteit, Leuven „Recycling of rare earths: challenges and opportunities“ | |
| | 13.10 | Lunchbreak & Poster Session | |
| | 14.00 |  Danuta Dutczak – Fachhochschule Münster, Steinfurt „Rare Earth Activated Afterglow Phosphors“ | Moderation: Prof. Dr. Markus Donath Westfälische Wilhelms- Universität Münster Institute of Physics |
| | 14.40 |  Magnus Leijd – Tasman Metals, Älvsjö „Rare Earth Elements – Why all the fuss?“ | |
| | 15.20 |  Prof. Dr. H.-D. Wiemhöfer – Universität Münster, Münster „Rare earth oxides and ionic conduction“ | |
| | 16.00 |  Dr. Lothar Ackermann – Forschungsinstitut für mineralische und metallische Werkstoffe -Edelsteine/Edelmetalle GmbH (FEE), Idar-Oberstein „Rare earth elements in laser crystals“ | |
| | 16.40 | Summary | |
| | 17.00 | End of the event | |