



THE RARE EARTH ELEMENTS

These high-tech enablers

Policy workshop organised by the European Chemical Society

PROGRAMME

14 May 2025

MORNING SESSION – EUROPEAN PARLIAMENT

10:00 – 10:10

Opening

MEP Annalisa Corrado, and Angela Agostiano, EuChemS President

10:10 – 10:20

Introductory remarks

Peter Roesky, Karlsruhe Institute of Technology, Karlsruhe, Germany

10:20 – 10:30

The EuChemS Table of Chemical Elements and Rare Earth Elements

Nicola Armaroli, CNR and EuChemS, Bologna, Italy

10:30 – 10:50

REE extraction: reserves, resources, geopolitics, environmental impact

Andrea Dini, CNR, Pisa, Italy

10:50 – 11:10

REE recycling and circular economy

Marie Perrin, ETH Zürich and REEcover, Zurich, Germany

11:10 – 11:30

The EU policy on REE and critical materials

Milan Grohol, European Commission, Brussels, Belgium

11:30 – 11:55

Q&A

Peter Roesky, Karlsruhe Institute of Technology, Karlsruhe, Germany

11:55 – 12:00

Closing

MEP Annalisa Corrado



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Group of the Progressive Alliance of
Socialists & Democrats
in the European Parliament



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EuChemS
European Chemical Society



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AFTERNOON SESSION – EUCHEMS OFFICE

14:00 – 14:20

Optical properties of REE materials and their applications

Andries Meijerink, Utrecht University, Utrecht, The Netherlands

14:20 – 14:40

Magnetic properties of REE materials and their applications

Mario Ruben, KIT Karlsruhe, Karlsruhe, Germany

14:40 – 15:00

REE materials in catalysis and other applications

Evgueni Kirillov, University of Rennes, Rennes, France

10 MINUTES BREAK

15:10 – 15:30

REE for the energy transition

Jürgen Gassmann, Fraunhofer IWKS, Alzenau, Germany

15:30 – 16:25

Panel Discussion

Angela Agostiano, EuChemS President

16:25 – 16:30

Conclusions

Peter Roesky, Karlsruhe Institute of Technology, Karlsruhe, Germany



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