

The seminar „REFRACTORIES – Key Technology and its Applications“ consists of two consecutive parts, each running 1.5 days. In the first part, the basics of raw materials, production, characteristics and installation of refractory materials and products are taught. The different classes of refractory materials and their typical representatives are presented. In the second part, experts from the process industry report on the specific applications of refractory products in the most important industrial sectors, on the materials used and on the special challenges with the transition to climate neutrality in industrial production.

TARGET GROUPS

The seminar is aimed both at experienced refractory users or employees of refractory manufacturers who want to get to know other sectors, and at beginners in the refractory industry or in the industries in which refractory products are used. Basic knowledge about materials technology is helpful but not required, as the basics are explained in the first part of the seminar.

ABOUT THE SEMINAR

The seminar starts on 24 June 2025 at 8:30 am and runs until 26 June 2025 at 4:30 pm. Included in the participation fee are documentation as PDF, drinks during the seminar, three lunches and a joint dinner on 24 June 2025.

This seminar is a recognized event of further education under the Bildungsfreistellungsgesetz of the German federal state Rhineland-Palatinate (recognition number 7104/2311/21).

CANCELLATION POLICY

For cancellations before and on 9 June 2025, the participation fee will be refunded in full. No refund is possible for cancellations received on and after 10 June 2025. It is however possible to transfer the registration to another person (substitute participant) free of charge at any time before the first day of the seminar.

PARTICIPATION FEE

Participant	1.090 €
Employee of a company that is a direct member of DFFI e. V.	990 €
The participation fee is exempt from value-added tax.	

LOCATION

Zinkfabrik Altenberg
Hansastraße 20
46049 Oberhausen, Germany

BOOKING

www.ecref.eu/en/events/key-technology

CONTACT

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REFRACTORIES – Key Technology and its Applications

24–26 June 2025

www.ecref.eu





REFRACTORIES – Key Technology ...

Introduction into refractories

Gehre, Patrick – TU Bergakademie Freiberg

Materials science I - Basic materials

Gehre, Patrick – TU Bergakademie Freiberg

Review of shaped basic refractories

Klischat, Hans-Jürgen – Refratechnik Cement GmbH

Materials science II – Acid and neutral materials

Krause, Olaf – Hochschule Koblenz

Review of shaped acid refractories

Brunk, Fred – RHI Magnesita

Wear and corrosion of refractories

Sax, Almuth – Universität Koblenz

Review of refractory light-weight and heat insulating materials

Kluthe, Christopher – Rath AG

Review of monolithic (unshaped) refractories

Krause, Olaf – Hochschule Koblenz

Lining concepts for monolithic (unshaped) refractories

Sauer, Hans-Joachim – Jünger+Gräter GmbH

... and its Applications

Refractory applications in the cement industry

Weber, Kathrin – Refratechnik Cement GmbH

Refractory applications in thermal waste processing

Imle, Johannes – RefraConsult GmbH

Refractory applications in the glass industry

Dietrich, Markus – RHI Magnesita

Refractory applications in the foundry industry

Cölle, Daniel – EKW GmbH

Refractory applications in ironmaking

Dannert, Christian – Forschungsgemeinschaft Feuerfest e. V. and Schönhof, Viktor – Steuler-KCH

Refractory applications in steelmaking (I)

Pischke, Jens – Salzgitter Flachstahl GmbH

Refractory applications in steelmaking (II)

Pischke, Jens – Salzgitter Flachstahl GmbH

Recycling of refractories

Stahl, Patrick – Mineralmahlwerk Westerwald Horn GmbH & Co. KG