



### Organization

ECREF European Centre for Refractories gGmbH

Rheinstr. 58

56203 Höhr-Grenzhausen - GERMANY

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Mail: [events@ecref.eu](mailto:events@ecref.eu) Internet: [www.ecref.eu](http://www.ecref.eu)

### Head

Prof. Dr. Peter Quirnbach

### Venue

European Centre for Refractories

Rheinstr. 58

56203 Höhr-Grenzhausen - Germany

### Registration

until **August 21<sup>st</sup>, 2017**

### Registration Fee

1.050,- € non-member in VDFFI e.V.

950,- € member in VDFFI e.V.

Cancellation before August 20<sup>th</sup>, 2017 free of charge, afterwards the complete fee will be payable. The appointment of a replacement participant will be accepted.

The fee includes working papers, drinks and lunch.

Please **register** by returning the attached form.

Please pay the seminar fee upon receipt of invoice to the account IBAN DE69 3804 0007 0127 7227 00, BIC COBADEFFXXX of ECREF European Centre for Refractories gem.GmbH with Commerzbank AG, Bonn (Bank Code 380 400 07) and please state the invoice number.

### Accommodation

A certain quantity of rooms has been reserved in the below mentioned two hotels at special rates.

Expenses for the accommodation are not included in the registration fee.

These rooms are available on your call – please state the keyword „ECREF“.

#### Hotel Silicium \*\*\*

Schillerstr. 2-4  
56203 Höhr-Grenzhausen  
Phone: +49 2624 941680  
[www.hotel-silidium.de](http://www.hotel-silidium.de)  
[info@hotel-silidium.de](mailto:info@hotel-silidium.de)

#### Hotel ZUGBRÜCKE Grenzau \*\*\*\*S

Brexbachstr. 11-17,  
56203 Höhr-Grenzhausen  
Phone: +49 2624 1050  
[www.zugbruecke.de](http://www.zugbruecke.de)  
[info@zugbruecke.de](mailto:info@zugbruecke.de)

### Traveling ...

#### ... by car

via the **A 61** motorway:

- Leave the motorway towards Koblenz at the „Koblenzer Kreuz“ intersection.
- Change to the A 48 motorway in Frankfurt direction.
- Take the exit „Höhr-Grenzhausen“.

via the **A 3** motorway:

Coming from Cologne or Frankfurt:

- Drive until the „Dernbacher Dreieck“ motorway intersection.
- Change to the A 48 motorway, in Koblenz/Trier direction.
- Take the exit „Höhr –Grenzhausen“.

After the exit, turn left.

At the first roundabout, take the second exit („turn left“).

At the next roundabout, take the first exit („turn right“).

In the third roundabout, take the second exit („straight“).

Take the first possibility to turn left into the Rhine Street (Rheinstraße).

The building is located on the left. There are plenty of parking spaces available.

#### ... by train

There are two travelling possibilities:

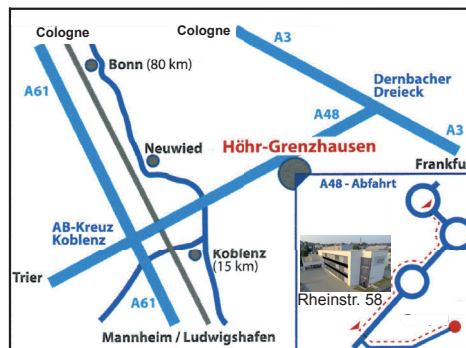
- Intercity train station Montabaur:  
From this station take bus nos. 130 or 462 (RWN or RMV line) to Höhr-Grenzhausen.
- Koblenz main station:  
From Koblenz main station, take the KEVAG line 8 to the station Vallendar. Then change to the KEVAG line 7 to Höhr-Grenzhausen until bus stop „Fachhochschule“ (University of applied sciences). In front of the above mentioned stations taxis will also be available for further travel to Höhr-Grenzhausen.

#### ... by plane

Via the airports of

- Frankfurt / Main
- Cologne/Bonn

From there you can either take the train (see above) or a taxi (travel distance 100 or respectively 90 km).



# REFRACTORIES - Key Technology and its Applications

September 05<sup>th</sup> - 07<sup>th</sup>,  
2017

at  
European Centre  
for Refractories

Höhr-Grenzhausen, Germany





### Tuesday, September 05<sup>th</sup>, 2017

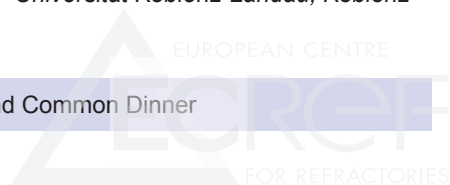
- 08.25 **Welcome address**  
Quirnbach, Peter - *ECREF gGmbH, Höhr-Grenzhausen*
- 08.30 **Introduction to Refractory Science**  
Aneziris, Christos G. - *TU Bergakademie Freiberg, Institut für Keramik Glas- und Baustofftechnik (IKGB), Freiberg*
- 09.45 Break
- 09.55 **Materials Science I – Acid and neutral materials**  
Krause, Olaf - *HS Koblenz, FB Ingenieurwesen, Werkstofftechnik, Höhr-Grenzhausen*
- 10.55 Break
- 11.05 **Review of shaped acid products**  
Brunk, Fred - *P-D refractories GmbH Dr. C. Otto, Bochum*
- 12.30 Lunch
- 13.45 **Materials Science II – Basic materials**  
Aneziris, Christos G. - *TU Bergakademie Freiberg, Institut für Keramik Glas- und Baustofftechnik (IKGB), Freiberg*
- 14.45 Break
- 14.55 **Review of shaped basic products**  
Buchberger Bernd - *Horn & Co. Group, Siegen*
- 16.20 Break
- 16.30 **Wear and corrosion of Refractories**  
Sax, Almuth - *Universität Koblenz-Landau, Koblenz*
- 17.30 End
- 19.00 Get together and Common Dinner

### Wednesday, September 06<sup>th</sup>, 2017

- 08.30 **Review of refractory light-weight and insulating materials**  
Finke, Vera - *Rath AG, Wien, Austria*
- 09.55 Break
- 10.05 **Review of monolithic refractories**  
Krause, Olaf - *HS Koblenz, FB Ingenieurwesen, Werkstofftechnik, Höhr-Grenzhausen*
- 11.30 Break
- 11.40 **Lining concepts and techniques**  
Sauer, Hans J. - *Jünger + Gräter GmbH, Schwetzingen*
- 13.10 Lunch
- 14.30 **Refractory applications for the glass industry**  
Postrach, Stefan - *RHI Glas GmbH, Wiesbaden*
- 15.55 Break
- 16.05 **Refractory applications for the cement industry**  
Klischat, Hans-Jürgen - *Refratechnik Cement GmbH, Göttingen*
- 17.30 End
- 18.30 Visit of Museum for Ceramic Arts
- 20.00 Common Dinner

### Thursday, September 07<sup>th</sup>, 2017

- 08.30 **Refractory applications for thermal waste treatment and incineration plants**  
Imle, Johannes - *RefraConsult GmbH, Oftersheim*
- 09.55 Break
- 10.05 **Refractory applications for the foundry industry**  
Cölle, Daniel - *EKW GmbH, Eisenberg*
- 11.30 Break
- 11.40 **Refractory applications for iron making**  
Dannert, Christian - *Forschungsgemeinschaft Feuerfest e.V., Höhr-Grenzhausen*
- 13.10 Lunch
- 14.30 **Refractory applications for the steel industry (I)**  
Pischke, Jens - *Salzgitter Flachstahl GmbH, Salzgitter*
- 15.55 Break
- 16.05 **Refractory applications for the steel industry (II)**  
Pischke, Jens - *Salzgitter Flachstahl GmbH, Salzgitter*
- 17.30 **Final comments**  
Quirnbach, Peter - *ECREF gGmbH, Höhr-Grenzhausen*
- 17.40 End of seminar



# EUROPEAN SEMINAR ON REFRACTORIES

## REGISTRATION

(for one participant)

„Refractories - Key Technology and its Applications“,  
September 5<sup>th</sup> - 07<sup>th</sup>, 2017, 56203 Höhr-Grenzhausen, Germany



.....  
Title, surname, name

.....  
Company

.....  
Street

.....  
Land, zipcode, city

.....  
Phone/ mail

.....  
Date

.....  
Signature

### Registration for :

Participation in the seminar

- as member VDFFI e.V.                      950,- € net
- as non-member VDFFI e.V.                1.050,- € net

For organizational reasons, we kindly request you to tick your (free) participation to:

- common dinner 05-09-2017
- visit to the “Westerwald Ceramics Museum”
- common dinner 06-09-2017

Attendance to the evening events will be gratuitous.

Working papers will be distributed locally.

The accommodation expenses are not included in the seminar fee.