**European Seminar on Refractories**

**Oragnization**
ECREF European Centre for Refractories gem.GmbH  
Rheinstr. 58  
56203 Höhr-Grenzhausen - GERMANY  
Tel.: +49 2624 / 9433-140  
Fax: +49 2624 / 9433-145  
Mail: events@ecref.eu  
Internet: www.ecref.eu

**Head**  
Prof. Dr. Dr. h. c. Peter Quirmbach, ECREF gGmbH

**Venue**  
European Centre for Refractories  
Rheinstr. 58  
56203 Höhr-Grenzhausen - Germany

**Registration**  
until August 23rd, 2019

**Registration Fee**  
1.050,- € non-member in VDFFI e.V.  
950,- € member in VDFFI e.V.

Cancellation before August 23rd, 2019 free of charge, afterwards the complete fee will be payable. The appointment of a replacement participant will be accepted.

The fee includes working papers - which will be distributed locally - drinks and lunch. Attendance to the evening events will be free.

For registration fill in the registration form and send it back. You will receive an invoice with the required bank details as confirmation for your registration.

**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-silicium.de  
  info@hotel-silicium.de  
  price per night: 62,- € / 68,- €  
  room contingent available until: July 16, 2019

- **Hotel ZUGBRÜCKE Grenzau****  
  Bredbachstr. 11-17  
  56203 Höhr-Grenzhausen  
  Phone: +49 2624 1050  
  www.zugbruecke.de  
  info@zugbruecke.de  
  price per night: 84,- €  
  room contingent available until: August 04, 2019

**Traveling to ...**

**... by car**
- via the A 61 motorway:  
  - Leave the motorway towards Koblenz at the „Kollenzer 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 „Dembacher 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 Rheinstraße. The building is located on the left.
  
  Sufficient parking spots can be found in the Heinrich-Meister-Str. parking side close to the venue.

**... 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).

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<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Session</th>
<th>Presenter</th>
<th>Organization/University, Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday, September 3rd, 2019</td>
<td>08:25</td>
<td>Welcome address</td>
<td>Quirmbach, Peter</td>
<td>ECREF gGmbH, Höhr-Grenzhausen</td>
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<tr>
<td></td>
<td>08:30</td>
<td>Introduction to Refractories</td>
<td>Aneziris, Christos G.</td>
<td>TU Bergakademie Freiberg, Institut für Keramik Glas-</td>
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<td>und Baustofftechnik (IKGB), Freiberg</td>
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<td>09:45</td>
<td>Break</td>
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<tr>
<td></td>
<td>09:55</td>
<td>Materials Science II – Basic materials</td>
<td>Aneziris, Christos G.</td>
<td>TU Bergakademie Freiberg, Institut für Keramik Glas-</td>
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<td>10:55</td>
<td>Break</td>
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<tr>
<td></td>
<td>11:05</td>
<td>Review of shaped acid products</td>
<td>Brunk, Fred</td>
<td>P-D refractories GmbH Dr. C. Otto, Bochum</td>
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<td></td>
<td>12:30</td>
<td>Lunch</td>
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<tr>
<td></td>
<td>13:45</td>
<td>Materials Science I – Acid and neutral materials</td>
<td>Krause, Olaf</td>
<td>HS Koblenz, FB Ingenieurwesen, Werkstofftechnik,</td>
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<td></td>
<td>Höhr-Grenzhausen</td>
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<td></td>
<td>14:45</td>
<td>Break</td>
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<tr>
<td></td>
<td>14:55</td>
<td>Review of shaped basic products</td>
<td>Schönwelski, Werner</td>
<td>Steuler KCH GmbH, Höhr-Grenzhausen</td>
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<td>16:20</td>
<td>Break</td>
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<td></td>
<td>16:30</td>
<td>Wear and corrosion of refractories</td>
<td>Sax, Almuth</td>
<td>Universität Koblenz-Landau, Koblenz</td>
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<td></td>
<td>17:30</td>
<td>End</td>
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<td></td>
<td>19:00</td>
<td>Get together and Common Dinner</td>
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</tbody>
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| Wednesday, September 04th, 2019 | 08:30 | Review of refractory light-weight and heat insulating materials         | Finke, Vera          | Ratha 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 of unshaped refractories (monolithics)   | 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 ironmaking                                 | Dannerl, Christian   | Forschungsgemeinschaft Feuerfest e. V.,          |
|                                 |       |                                                                         |                      | Höhr-Grenzhausen                                  |
|                                 | 17:30 | End                                                                     |                      |                                                   |
|                                 | 18:30 | Visit of Museum for Ceramic Arts                                       |                      |                                                   |
|                                 | 20:00 | Common Dinner                                                           |                      |                                                   |

| Thursday, September 05th, 2019 | 08:30 | Refractory applications for the foundry industry                        | Pischke, Jens        | Salzgitter Flachstahl GmbH, Salzgitter           |
|                                | 09:55 | Break                                                                   |                      |                                                   |
|                                | 10:05 | Refractory applications for steel making (I)                            | Pischke, Jens        | Salzgitter Flachstahl GmbH, Salzgitter           |
|                                | 13:10 | Lunch                                                                   |                      |                                                   |
|                                | 14:30 | Refractory in the cement industry                                        | Klischat, Hans-Jürgen| Refratechnik Cement GmbH, Göllingen             |
|                                | 15:55 | Break                                                                   |                      |                                                   |
|                                | 16:05 | Refractory applications in thermal waste processing                      | Imle, Johannes       | RefraConsult GmbH, Oftersheim                    |
|                                | 17:30 | Final comments                                                          |                      |                                                   |
|                                | 17:40 | End                                                                     |                      |                                                   |

Approved further training seminar based on chapter 7 of the „Bildungsfreistellungsgesetz“ (Law for Education Exemption) of the German Federal State of Rhineland-Palatinate. 