International Congress
and Technical Exhibition

May 26 – 27, 2010
Bruges, Belgium

Novotel Brugge Centrum

Organized by:

[Images]
About the organizer

CEOCOR is a European committee studying all problems concerning corrosion and protection of pipes, mains and other buried, immersed or aerial metallic or non-metallic constructions destined to transport or storage various products, mainly drinking water, wastewater, gas and oil. Established in 1956 the committee has its head-office in Brussels and her members belong to water, gas and oil supply companies, industries, universities and research centers in more than 15 countries.

Field of activities :

Materials and their Corrosion behavior, Corrosion mechanisms and corrosion behavior in the field, choice of materials, "non"-electric protective measures. This commission deals with the interaction between transported or stored water and metallic or cement based materials. Such interaction may lead to the deterioration of the materials themselves and/or deterioration in the qualities of the transported water.

Commission 2 : External Corrosion & Cathodic Protection.
Current influenced Corrosion, Cathodic protection, stray currents, AC-Corrosion. This commission deals with external Corrosion and Cathodic Protection against corrosion, mainly for water, oil and gas pipelines and relevant infrastructures; AC an DC stray currents and electrical interferences are in the field of competences of this Commission.

For all sessions the simultaneous translation will be provided for the CEOCOR languages : English, German and French.

CEOCOR c/o Vivaqua
rue aux Laines 70, 1000 Bruxelles, Belgium
Tel. : +32/2/518 82 01, Fax. : +32/2/518 85 98
ceocor@vivaqua.be
## Tuesday 25th May 2010

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:00 – 18:00</td>
<td>Registration</td>
</tr>
<tr>
<td>12:00 – 14:20</td>
<td>Meeting of the working groups</td>
</tr>
<tr>
<td>14:20 – 14:40</td>
<td>Coffee Break</td>
</tr>
<tr>
<td>14:40 – 17:00</td>
<td>Meeting of the working groups</td>
</tr>
<tr>
<td>17:00 – 18:30</td>
<td>Meeting of the Standing committee</td>
</tr>
<tr>
<td>18:30 – 18:40</td>
<td>Coffee Break</td>
</tr>
<tr>
<td>18:40 – 20.00</td>
<td>Meeting of the Board of directors</td>
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<tr>
<td>20:30</td>
<td>Dinner of the board of directors and accompanying persons</td>
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## Wednesday 26th May 2010

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:00 – 17:00</td>
<td>Registration</td>
</tr>
<tr>
<td>09:00 – 09:10</td>
<td>Opening ceremony</td>
</tr>
<tr>
<td></td>
<td>F. de Lichtervelde – Secretary General of Synergrid</td>
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<tr>
<td>09:10 – 09:20</td>
<td>Opening speech</td>
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<td>L. Di Biase – President of CEOCOR</td>
</tr>
<tr>
<td>09:20 – 09:30</td>
<td>Opening speech</td>
</tr>
<tr>
<td></td>
<td>M. Hammerer – President of Commission 1</td>
</tr>
<tr>
<td>09:30 – 09:55</td>
<td>Influence of drinking water treatment process on the pitting corrosion behaviour of copper pipes in the domestic installation</td>
</tr>
<tr>
<td></td>
<td><em>Timo Jentzsch (IWW, Germany)</em></td>
</tr>
<tr>
<td>09:55 – 10:20</td>
<td>What is the perfect water under aspects of corrosion ?</td>
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<td><em>Dr. Josef Klinger – Wolfgang Werner (TZW/DVGW, Germany)</em></td>
</tr>
<tr>
<td>10:20 – 10:50</td>
<td>Coffee Break</td>
</tr>
<tr>
<td>10:50 – 11:15</td>
<td>2-Years exposure of stainless steels and other commonly used materials in a pilot simulating natural drinking water</td>
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<td></td>
<td><em>Pauline Boilot (ArcelorMittal, France)</em></td>
</tr>
<tr>
<td>11:15 – 11:40</td>
<td>Pickling of stainless steel on site</td>
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<tr>
<td></td>
<td><em>Dr. Daniel Bindschedler (SGK, Switzerland)</em></td>
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<tr>
<td>11:40 – 12:05</td>
<td>Resistance of PVC pipes against disinfectants</td>
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<td></td>
<td><em>Joël Fumire (PVC4pipes, Belgium)</em></td>
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<tr>
<td>12:05 – 12:30</td>
<td>Rehabilitation of the channels of the river Senne</td>
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<td><em>Olivier Broers (Vivaqua, Belgium)</em></td>
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<tr>
<td>12:30 – 13:30</td>
<td>Lunch</td>
</tr>
<tr>
<td>Time</td>
<td>Event</td>
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<tr>
<td>--------------</td>
<td>----------------------------------------------------------------------</td>
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</tbody>
</table>
| 13:30 – 13:55| New pipe matrix as a guideline for sustainable sewer design in Flanders  
*Wendy Francken (Vlario vzw, Belgium)* |
| 13:55 – 14:20| Quality assessment of sewers in Hungary  
*Károly Kovács (BDL Kft, Hungary)* |
| 14:20 – 14:45| Influence of hydrogen sulphide at sewerage collections  
*Dr. Brecht Donckels (Aquafin nv, Belgium)* |
| 14:45 – 15:15| Coffee Break |
| 15:15 – 15:40| The parameters that influence the behaviour of polymer cement in the protection of concrete  
*Prof. Nemath Tenoutasse (Cimten sprl, Belgium)* |
| 15:40 – 16:05| Maintenance strategies for water and waste water systems  
*Max Hammerer (Hammerer, Austria)* |
| 16:05 – 16:30| Discussion |
| 16:30 – 18:00| General Assembly |
| 09:00 – 17:00| Technical exhibition |

**Thursday 27th May 2010**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:00 – 15:30</td>
<td>Registration</td>
</tr>
</tbody>
</table>
| 08:50 – 09:00| Opening speech  
M. Büchler – President of Commission 2 |
| 09:00 – 09:25| Results of the new measurement philosophy within GASUNIE  
*P.J. Stehouwer (GASUNIE, The Netherlands)* |
| 09:25 – 09:50| Methods and experience on DC-rail electrical interference  
*Kees Dijkstra (GASUNIE, The Netherlands)* |
| 09:50 – 10:15| CP measurement on severely high voltage polluted pipelines  
*Klaus Blotzky (Eon-Ruhrgas, Germany)* |
| 10:15 – 10:45| Coffee Break |
| 10:45 – 11:10| Development of a time dependant numerical model for the quantification of AC corrosion phenomena  
*Bart Van den Bossche (ELSYCA, Belgium)* |
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:35 – 12:00</td>
<td>A new corrosion probe</td>
<td><em>Bertil Sandberg/Andres Dahlström (KIMAB/SCS Eng., Sweden)</em></td>
</tr>
<tr>
<td>12:00 – 12:25</td>
<td>Effect of coupon geometry on the lateral current distribution</td>
<td><em>Ulrich Bette / Georg Schell (TAW/Siemens, Germany)</em></td>
</tr>
<tr>
<td>12:30 – 13:30</td>
<td>Lunch</td>
<td></td>
</tr>
<tr>
<td>13:30 – 13:55</td>
<td>The pipe – basement for a computer aided pipeline management</td>
<td><em>H.-J. Kocks (Salzgitter, Germany)</em></td>
</tr>
<tr>
<td>13:55 – 14:20</td>
<td>ECDA’s experience within Fluxys - Part 2</td>
<td><em>Jonathan Dexters (Fluxys, Belgium)</em></td>
</tr>
<tr>
<td>14:20 – 14:55</td>
<td>Certification of cathodic protection protection personnel and companies in accordance with the European contracting rules for award of public works</td>
<td><em>Peter Frenz/Klaus Riegel (DVGW/FKKS, Germany)</em></td>
</tr>
<tr>
<td>14:55 – 15:25</td>
<td>Coffee Break</td>
<td></td>
</tr>
<tr>
<td>15:50 – 16:15</td>
<td>Cathodic protection of LPG mounded vessels – The current distribution problem</td>
<td><em>O. Fumei/L. Di Biase/R. Cigna (ISPROMA, Italy)</em></td>
</tr>
<tr>
<td>16:15 – 16:40</td>
<td>Cathodic protection: A general discussion of the involved processes and their consequences for threshold values</td>
<td><em>Markus Büchler (SGK, Switzerland)</em></td>
</tr>
<tr>
<td>16:40 – 17:00</td>
<td>Discussion</td>
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<tr>
<td>17:00 – 17:10</td>
<td>Closing speech</td>
<td>Lucio Dibiase – President of CECOR</td>
</tr>
<tr>
<td>18:30 – 23:00</td>
<td>Official dinner</td>
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</tr>
<tr>
<td>09:00 – 17:00</td>
<td>Technical exhibition</td>
<td></td>
</tr>
</tbody>
</table>
Accompanying person’s programme

**Wednesday, 26th May, 2010**

**Half day visit of the city of Bruges by boat and by tram pulled by horses.**
This tour will depart from the hotel and will be guided in english, french and german.
The lunch can be taken at the hotel.

**Thursday, 27th May, 2010**

**Daytrip through the charming villages around Bruges and Belgiums most exclusive seaside resort (Damme, Oostkerke, Knokke-Heist, Lissewege) with an authentic old-timer Coach.**
This tour will depart 200m from the hotel and will be guided in english and french.
The lunch is included.
Exhibition information

Professionals or companies involved in the field of corrosion have the opportunity to present their products or services. For this purpose they have the possibility:
- to participate at a technical exposition,
- to introduce their company in the world of corrosion by giving a short presentation in the booklet of the proceedings of the congress,
- to have the logo of their company projected in the meeting room of the congress

For further details please contact the secretariat of CEOCOR.
Registration forms can be downloaded from the website: www.ceocor.lu

Hotel accommodation

A sufficient number of hotel rooms have been reserved at preferential congress rates. To book the accommodation please complete the appropriate form enclosed or download it from our website www.ceocor.lu

Novotel Brugge Centrum
Katelijnestraat 65b – 8000 Brugge
phone: + 32 50 33 75 33
fax: + 32 50 33 65 56

Ibis Brugge Centrum
Katelijnestraat 65a – 8000 Brugge
phone: + 32 50 33 75 75
fax: + 32 50 33 64 19

<table>
<thead>
<tr>
<th>Room rates</th>
<th>Single</th>
<th>Double</th>
</tr>
</thead>
<tbody>
<tr>
<td>Novotel</td>
<td>123,00 €</td>
<td>141,00 €</td>
</tr>
<tr>
<td>Ibis</td>
<td>105,00 €</td>
<td>128,00 €</td>
</tr>
</tbody>
</table>

Above mentioned rates are per room, per night, including breakfast and all taxes.

ROOMS ARE AVAILABLE AT PROPOSED RATES UNTIL 25/03/2010
(after that date: upon availability !)
Registration fees and payment modes

**Congress Participant fee**

**Members of CEOCOR**
- Fee if registration form is received before March 31st, 2010: € 490
- Fee if registration form is received after March 31st, 2010: € 590

**Non members of CEOCOR**
- Fee if registration form is received before March 31st, 2010: € 540
- Fee if registration form is received after March 31st, 2010: € 640

**Accompanying Person fee**
- € 190

The fee for the participants includes:
- access to all sessions, technical exhibitions, lunches and coffee breaks during the congress,
- invitation to the official dinner on May 27th,

The fee for the accompanying persons includes:
- access to the technical exhibitions during the congress,
- half day visit of Bruges on May 26th and lunch in the hotel,
- daytrip in old-timer coach on May 27th,
- invitation to the official dinner on May 27th,

**Free bus transfer to the airport on May 28th at 11 am** offered and organized by the company Fluxys (departure from the hotel - travel time to airport: 2 hrs).

To register a participant or an accompanying person, please use the registration form enclosed or download it from our website [www.ceocor.lu](http://www.ceocor.lu) and return it by fax or by E-mail to:

CEOCOR Belgique c/o Vivaqua  
rue aux Laines 70  
1000 Bruxelles  
phone : + 32 2 518 82 01  
fax : + 32 2 518 85 98  
E-mail : ceocor@vivaqua.be

**Payment modes**

Bank transfer – Net of bank charges

CEOCOR Belgique  
Bank : ING  
IBAN : BE62 3100 3124 1261  
BIC : BBRUWEBB

Any changes and cancellations must be made in writing to:  
CEOCOR Belgique c/o Vivaqua, rue aux Laines 70, 1000 Bruxelles  
Before May 1st 2010 full refund less an administration fee of € 100.  
After May 1st 2010 no refunds are possible.
Travel information & bus services

Travel from and to the airport (Brussels Airport)

- **Train**: from Brussels National Airport to Bruges
  - 32.50 €/p
  - For a timetable consult: [www.sncb.be](http://www.sncb.be)
  - (One change has to be made in Brussels North)

- **Taxi**: 190 €
  - (if reservation made by “Taxi Walter Zaventem” - [www.taxizaventem.be](http://www.taxizaventem.be) – phone: +32 2 720 10 00 – fax: + 32 2 669 36 69)

- **Car**:

  From Gent via the A10 (E40) follow signs for Oostende, take exit No.9 for Oostkamp, then head to Brugge (5 km), then Parking Katelijne (public parking under the hotel). From Oostende via the A10 (E40) follow signs for Gent, take exit No.8 then follow St.Michiels, continue past the 2 roundabouts, under the railway bridge and then head to Parking Katelijne (public parking under the hotel). From Lille or Kortrijk via the A17 (E403) follow Brugge, then St Michiels and continue as above. (GPS. N 51° 12’ 6.65”  E 3° 13’ 37.46”)

[Map of Bruges area]
Participation at the congress activities

Please return to: Secretariat CEOCOR Belgique c/o Vivaqua
rue aux Laines 70
1000 Bruxelles
phone: +32 2 518 82 01
fax: + 32 2 518 85 98
mail: ceocor@vivaqua.be

PARTICIPANT

Name: ........................................................................................................................................
First name: ..............................................................................................................................
Company: ...............................................................................................................................
Address: ................................................................................................................................
Postal Code ................... City :.................................Country : .....................................
Phone :........................... Fax :...............................E-mail : ........................................
Tax identification number : .............................................................................................
Arrival date : .....................................................................................................................
Departure date : .............................................................................................................

PROGRAMME

May 26th 2010
Proceedings of Commission 1 .................................................................□*

May 27th 2010
Proceedings of Commission 2 .................................................................□*
Official dinner ..................................................................................................................□*

May 28th 2010
Bus transfer to the airport at 11 am .............................................................□*

(* please tick accordingly).

Signature: .................................................................................................................................
International Congress and Technical Exhibition May 2010

Participation at the congress activities

Please return to : Secretariat CEOCOR Belgique c/o Vivaqua
rue aux Laines 70
1000 Bruxelles
phone : +32 2 518 82 01
fax : + 32 2 518 85 98
mail : ceocor@vivaqua.be

ACCOMPANYING PERSON

Name : ...........................................................................................................................
First name : ....................................................................................................................
Company : .....................................................................................................................
Address : ........................................................................................................................
Postal Code ............ City : .........................Country : .................................
Phone : .................... Fax : ..............................E-mail : ......................................
Tax identification number : ..........................................................................................
Arrival date : ............................................................................................................... 
Departure date : .........................................................................................................

PROGRAMME

May 26th 2010
Half day visit of the city of Bruges ................................................................. □ *

May 27th 2010
Daytrip with an authentic old-timer Coach. ..................................................... □ *

Official dinner .................................................................................................... □ *

May 28th 2010
Bus transfer to the airport at 11 am ............................................................... □ *

(* please tick accordingly).

Signature :