



Antwerp, 10/09/2014

Dear colleagues,

It is our pleasure to invite you to this year's annual Dutch/Belgian meeting of the KNCV Working Group on Electrochemistry, an ISE sponsored symposium. It will take place in Antwerp and will have the following theme:

## Electrochemistry in non-traditional media

Date: **Friday, 7 November 2014**

Location: **University of Antwerp, Stadscampus, Rodestraat 14, 2000 Antwerp**

### **Programme description:**

Traditional electrochemistry is performed in aqueous solutions. However, electrochemistry in non-traditional media plays an important role in exploring new chemical possibilities. Substances insoluble in water can be dissolved, unstable substances remain stable, chemical reactions that are impossible in water become possible. In addition – in keeping with today's focus on 'green chemistry' – efforts are also being made towards environmentally-friendly solvents (replacing hazardous solvents by harmless solvents, polluting solvents by clean solvents) to which non-traditional media can contribute by promising advances in both fundamental and applied science.

In this thematic symposium experts from academia and industry will discuss different aspects of electrochemistry in non-traditional media. The topics include electrochemistry and electrokinetics in media such as non-polar liquids, ionic liquids, plasma and eutectics and other related subjects.

### **Registration:**

You can confirm your participation via e-mail, see last page. The participation fee is €40 and includes lunch. You are kindly requested to transfer your payment before 1 November to:

IBAN: BE69 0016 7856 3778 BIC/Swift code: GEBABEBB, in name of:  
Tom Breugelmans, Lindekensbaan 2, 2560 Kessel  
Please mention "KNCV-EIChem" and the name(s) of the participant(s)

Alternatively, you can pay during registration at the symposium.

On behalf of the working group committee,

Tom Breugelmans

Enclosed: Programme, map and registration information



Programme of the Annual Symposium of the KNCV Working Group on Electrochemistry

## Electrochemistry in non-traditional media

Date: **Friday 7 November 2014**

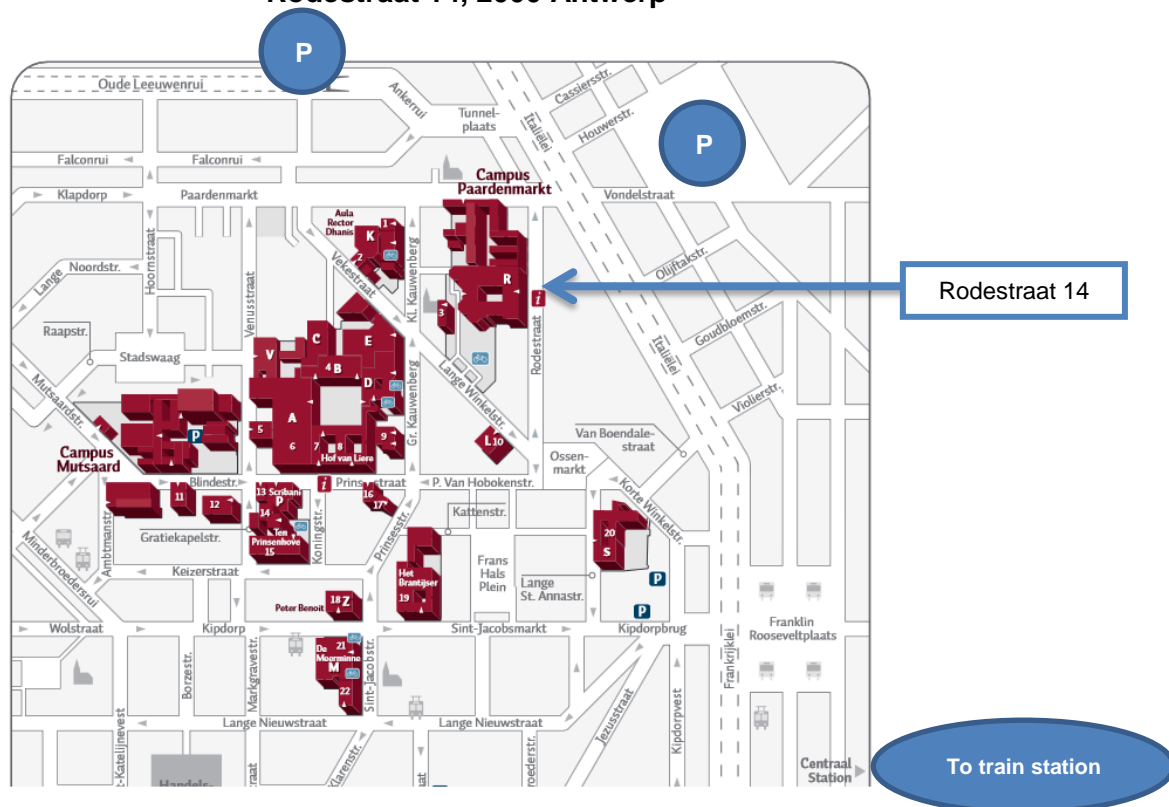
Location: **University of Antwerp, Stadscampus, room R-014  
Rodestraat 14, 2000 Antwerp**

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- |               |   |
|---------------|---|
| 9:30 – 10:00  | <b>Welcome and coffee</b>   |
| 10:00 – 10:15 | <b>Introduction by Prof. Marc Koper</b><br>(Chairman, Leiden University)  |
| 10:15 – 11:00 | <b>Electrochemistry in flames: control of redox reactions at the solid gas interface</b><br><u>Prof. Daren Caruana</u> (University College London)                |
| 11:00 – 11:30 | <b><i>To be determined</i></b><br><u>Prof. Filip Beunis</u> (Ghent University)  |
| 11:30 – 12:00 | <b>High resolution mapping of triiodide reduction kinetics in ionic liquids</b><br><u>Dr. Stanley Lai</u> (University of Twente)                                  |
| 12:00 – 13:30 | <b>Lunch</b>  |
| 13:30 – 14:15 | <b>Ionic Liquids in Electrochemistry: An overview on useful methods and analytical tools</b><br><u>Dr. Daniel Weingarth</u> (Leibniz Institute for New Materials) |
| 14:15 – 14:45 | <b>Electrochemical oxygen sensors and control systems for heavy liquid metal cooled nuclear systems</b><br><u>Dr. Alexander Aerts</u> (SCK-CEN, Mol)              |
| 14:45 – 15:15 | <b>Coffee &amp; Tea break</b>   |
| 15:15 – 15:45 | <b>Aluminium barrier deposition from ionic liquid solutions</b><br><u>Dr. Peter Bressers</u> (TNO, Thin Film Electrochemical Technology)                          |
| 15:45 – 16:15 | <b>Liquid metal salts: metal-containing ionic liquids for high-rate electrodeposition</b><br><u>Prof. Koen Binnemans</u> (Catholic University of Leuven)          |
| 16:15 – 16.45 | <b>Annual ISE meeting 2016 in the Netherlands</b><br><u>Dr. Maarten Van Brussel – Prof. Marc Koper</u>  |
| 16.45 – 18:00 | <b>Drinks</b>   |





**Location: University of Antwerp, Stadscampus, room R-014  
Rodestraat 14, 2000 Antwerp**



**Route description to University of Antwerp**

(see <https://www.uantwerpen.be/en/campus-life/on-your-way-to-campus/stadscampus--campus-/>)

**Public Transport**

- By train: Antwerp is easy to reach by train. International railway lines link Brussels and Antwerp to several other major European cities. The European high-speed train project includes the Thalys, the Eurostar and the Eurotunnel. There are direct rail links with different cities in France, the Netherlands and Germany. Antwerp can be reached from the UK by Eurostar via Brussels. Antwerp's Central Station is only a 15-minute walk from the university.

**By Car:**

- All destinations are within easy reach by car. Antwerp itself lies at the crossroads of the E17, E19, E34, and E313 motorways.
- Two parking garages located near the conference venue can be used (see P marked on the map):
  - Parking Sint Jansplein: <http://apen.be/parking-sint-jansplein>
  - Q-Park Godefriduskaai: <http://www.q-park.be/nl/parkeren-bij-q-park/parkings-per-stad/antwerpen/godefriduskaai>



# Registration

for the Annual KNCV Electrochemistry Symposium on Friday 7 Nov. 2014

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Number of participants :

Name(s) :

Affiliation :

Address :

E-mail :

Payment transferred to:  BE69 0016 7856 3778 on: ..... (date)  
or:  will pay at symposium

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**Please copy/past the text above and e-mail it to: [tom.breugelmans@uantwerpen.be](mailto:tom.breugelmans@uantwerpen.be)**

(acknowledgement of receipt will be sent)