



## 28<sup>th</sup> Benelux EPR Society Meeting organized by Ghent and Leiden Universities

**Location:** <https://gather.town/j/fLyGAUbh>

### Programme

- 08:30 Conference site opens – time for exploring the site
- 09:00 Short welcome by organizers (Henk Vrielinck – Martina Huber)
- 09:15 Oral presentation: *“Simultaneous measurement of oxygen consumption and superoxide production. Principle and applications”*  
Donatienne d’Hose – Université Catholique de Louvain (Brussels)
- 09:40 Discussion – Posters and Coffee time
- 10:25 Oral presentation: *“Studying electrocatalysis by Electron paramagnetic resonance”*  
Mohammad Samanipour – Universiteit Antwerpen (Antwerp)
- 10:50 Discussion – Posters and Coffee time
- 11:35 Plenary Meeting of the Benelux EPR Society: suggestions – feedback – announcements ;  
announcement of the next meeting
- 12:00 Conference room closes

### Discussion topics / Posters

- “Effect of light and substrates on copper complex spectra”* Andrea Guidetti – University of Antwerp
- “Nitrite binding to chlorite dismutases - a spectroscopic investigation of substrate analogue complexes to elucidate the enzymatic mechanism”* Ilenia Serra – University of Antwerp
- “EPR Investigation on Isolated Ti(III) Species on the Surface of Pre-active Ziegler-Natta Catalysts”*  
Leonora Podvorica – University of Antwerp
- “Critical points in the optimization of a freeze quench device”* Maruan Alberto Bracci – University of Antwerp
- “An advanced EPR study to explore the Cu<sup>II</sup>- TREN complexes with trigonal bipyramidal structure”*  
Seyedeh Fardokht Rezayi – University of Antwerp
- “Rapid Scan EPR – and other questions for Bruker”* Manuela Liberi – Bruker Biospin
- “Clinical EPR trial: Non-invasive detection of melanin in melanomas”* Bernard Gallez – Catholic University of Louvain (Brussels)
- “Finding an internal standard for ultrafast rapid freeze quench EPR (MHQ)”* Peter-Leon Hagedoorn – Technical University Delft
- “Study of the binding of inhibitors in the active site of myeloperoxidase”* Pauline Nyssen – University of Liège



## Participants

Sabine Van Doorslaer	University of Antwerp
Sofie Cambré	University of Antwerp
Etienne Goovaerts	University of Antwerp
Andrea Guidetti	University of Antwerp
Ilenia Serra	University of Antwerp
Vincent Ching	University of Antwerp
Seyedeh Fardokht Rezayi	University of Antwerp
Mohammad Samanipour	University of Antwerp
Leonora Podvorica	University of Antwerp
Maruan Alberto Bracci	University of Antwerp
Zainab Hafideddine	University of Antwerp
Manuela Liberi	Bruker Biospin
Bernard Gallez	Catholic University of Louvain - Brussels
Donatienne d'Hose	Catholic University of Louvain - Brussels
Lionel Mignon	Catholic University of Louvain - Brussels
Irina Lobysheva	Catholic University of Louvain - Brussels
Peter-Leon Hagedoorn	Technical University Delft
Fred Hagen	Technical University Delft
Henk Vrielinck	Ghent University
Samira Khelifi	Ghent University
Nico De Roo	Ghent University
Freddy Callens	Ghent University
Parisa Shali	Ghent University
David Van der Heggen	Ghent University
Leonardo Passerini	Leiden University
Martina Huber	Leiden University
Ange Mouithys-Mickalad	University of Liège
Pauline Nyssen	University of Liège
Irena Nevjestic	Imperial College - London
Jacco Briedé	Maastricht University
Peter Moens	ON Semiconductor
Jan Lettens	ON Semiconductor