

Prof. D.L. Massart

Prof. D.L. Massart hardly needs any introduction. He was one of the founding fathers of chemometrics, involved even before the name was coined some 30 years ago. He built up a tremendously prolific group of young researchers from all over the world that has played a role in just about every development in chemometrics.

Prof. Massart passed away in December 2005.

D.L. Massart Award

In 2005, the BCS has instituted the biannual D.L. Massart Award in Chemometrics for the best PhD thesis world-wide. The 2014 award has been granted to Agnieszka Smolinska for her thesis "Chemometrics and NMR spectroscopy for metabolomics analysis of neurological disorders".

Previous winners were Gabriel Vivó-Truyols (2006), José Camacho (2008), Jens Bo Holm-Nielsen (2010) and Noslen Hernández (2012).

Belgian Chemometrics Society

The Belgian Chemometrics Society (BCS) was created in 1994 to promote chemometrics in Belgium, with special attention for the interaction between academia and industry. Its main activity is the organization of symposia and workshops. The BCS operates as a section of the Royal Flemish Chemical Society (KVCV).

Symposium fee & registration

The fee includes lunch and drinks

Students:	€ 75
KVCV members:	€ 125
Others:	€ 150

Prices excl VAT

Please register by email to chemometrie@kvcv.be

Venue

Université Libre de Bruxelles
Maison UAE, Campus de la Plaine
Accès 4, parking UAE

www.ulb.ac.be/campus/plaine/plan-en.html

The Belgian Chemometrics Society's

12th Chemometrics Symposium

Presentation of the 5th
D.L. Massart Award in
Chemometrics

Thursday June 26, 2014

Université Libre de Bruxelles
Campus de la Plaine
1050 Brussels
Belgium



chemometrie.kvcv.be

12th Chemometrics Symposium

The programme aims to appeal to a wide audience, with a mix of technical talks and applications in different domains.

Agnieszka Smolinska, now at the University of Maastricht, but at the Radboud University Nijmegen when working towards her PhD is this year's winner of the Massart Award. She will present the thesis work that earned her the award. It is about medical applications of chemometrics and similar tools.

Thomas De Beer, will talk about Process Analytical Technology. PAT refers to the application of modern methods for monitoring and controlling pharmaceutical production. On one hand, the pharma world is very much driven by innovation, on the other hand, its production is strictly regulated, which, in the past, has been an obstacle to innovation in that area. But the ban was lifted and the industry has embraced new sensors, and the chemometrical methods required to deal with the data they produce.

Morten Arendt Rasmussen will present ASCA, a crossing of classical and multi- or even megavariable statistics and put it into the context of, among other things, Multiblock, LDA and AnovaPCA .

Jacob Bart works in chemical industry, in a group that has implemented many applications of chemometrics. He will talk about such applications, and the practical and technical challenges they faced during their implementation.

Symposium Programme

- 10.00 Registration and coffee
- 10.30 **PAT**
Prof Thomas De Beer, Laboratory of Pharmaceutical Process Analytical Technology, Ghent University, Belgium
- 11.20 **ASCA**
Morten Arendt Rasmussen, Food Science Institute, University of Copenhagen Denmark
- 12.10 Lunch
- 14.00 **Chemometrics in industry**
Jacob Bart, AkzoNobel, Supply Chain, Research & Development, Deventer, Netherlands
- 14.50 Coffee
- 15.10 2014 D.L. Massart Award Ceremony
- 15.15 **Chemometrics and NMR spectroscopy for metabolomics analysis of neurological disorders**
Agnieszka Smolinska, Maastricht University, Netherlands
Laureate of the 2014 D.L. Massart award
- 16.10 Drink

Sponsors D.L. Massart Award



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