

History

This meeting of Hungarian chemometricians will be the 37th in a row. The meeting has become international in 1997. The title of the conference has alternated: in odd years **Conferentia Chemometrica**, in even years **International Symposiums on Computer Applications and Chemometrics in Analytical Chemistry**. Now it is biannual. Selected papers of the conference appeared in *Chemometrics and Intelligent Laboratory Systems* (ACE&CC 2003, Vol. 72 No 2, CC2005 Vol. 87 Issue 1) and recently in *Journal of Chemometrics* (CC2007, Vol. 22 Nos. 3-4, SCAC2008 Vol. 23 No. 4, CC2009 Vol. 24. Nos 3-4, SCAC 2010 Vol. 25 No 5, CC2011 Vol. 26 Nos 3-4, CC2013 Vol. 28 No 4, CC2015 Vol. 30 No 4, CC2017 Vol. 32 No 4).

The locations were the following so far: Budapest (2003, 2007, 2010, 2012, 2015), Tihany (2004), Hajdúszoboszló (2005), Balatonalmádi (2008), Siófok (2009), Sümeg (2011), Sopron (2013), Gyöngyös (2017)

Topics

Conferentia Chemometrica covers all aspects of chemometrics and chemoinformatics. Applications; Calibration; Classification; Cross-validation; Experimental design; Multivariate techniques; (ANN, HCA, CART, GA, LDA, MCR-ALS, MLR, PCA, QDA, PAT, PCR, PLS, RR, SVM, WFA, etc.) Metabonomics and Metabolomics; New algorithms; N-way data analysis; pattern recognition, Quality assurance; QSAR; QSPR; QSRR; Ranking, Spectroscopy; etc.

Invited Lecturers

Richard Brereton (England) Use and misuse of p -values for multivariate pattern recognition

Knut Baumann (Germany): Multivariate regression analysis of censored data

Tomasz Baczek (Poland) Assessment of amino acids' variability in plasma, cerebrospinal fluid and exhaled breath condensates in pediatric leukemia patients

Thomas Wilhelm Bocklitz (Germany) Chemometrics and machine learning for the analysis of Raman-related data

Michał Daszykowski and Ł. Pieszczyk (Poland) Spatial advantage of hyperspectral imaging and the construction of rigorous classifiers

Ludovic Duponchel (France) Hyperspectral data cubes exploration using pixels resampling: Randomized Kennard-Stone approach

Bahram Hemmateenejad (Iran) Improved rank estimation using randomization and dependency

John H. Kalivas (USA): Identifying matrix matched samples by exploiting the regression vector for local spectral calibration diligence

Olav Martin Kvalheim (Norway) What is the best measure(s) for variable importance and how can it be utilized for variable selection?

Federico Marini (Italy) Class modeling approaches for single and multiple blocks of data

Marjana Nović (Slovenia) PgP transport activity - in connection to the efflux of toxicants or drugs

Cyril Ruckebusch (France) Image processing constraints in MCR-ALS of hyperspectral data

Age Smilde (Netherlands) Numerical representations of metabolic systems

Ivana Stanimirova (Poland) Uncertainty SIMCA – A classification method that includes measurement uncertainty information

Roberto Todeschini (Italy) Deep Ranking Analysis by Kendall Eigenvectors (DRAKE): a wizard to ranking and multi-criteria decision making

Adam Voelkel (Poland) Chemometric support in physicochemical evaluation of industrial materials

Igor G. Zenkevich (Russia) Physicochemical properties of homologues by recurrent relations

Publication

Selected lectures (invited and submitted, oral or poster) will be published in a special issue of the

Journal of Chemometrics (Wiley)

after the normal refereeing process. Authors are cordially asked to submit their manuscript as soon as possible, during the conference or immediately after the conference *via* the Internet submission system. One of the reviewers will be chosen from the participants, if possible. Please follow the ethical guidelines of the American Chemical Society (Anal. Chem. 2007, 79, 387–391).

Poster session

Inspired by past years' success, poster contributions are encouraged. Best poster award will be awarded following the tradition (a cup with engravings). A Committee will decide on the best poster(s). The awards will be distributed during the banquet.

Accommodation

The participants will be accommodated in Biohotel Nimród or in the nearby pensions and guest houses. One-bed rooms at the conference location are assigned on a first-come first-served basis.

Conferentia Chemometrica 2019

will be held in the conference room of Biohotel Nimród.

Location

Biohotel Nimród

Address:

H-5300 Karcag

Bajcsy-Zsilinszky utca 4.

Phone: (+36-59) 503-199



Sauna center

Free cable internet access

Organic breakfast

Air-conditioned rooms

Minibar

Spine-friendly bio-mattresses

Antiallergic blankets and pillows

Room safe

LCD TV

24-hour reception

Free parking

Language

The official language of the conference is English.

Social Programs

Chemical singers concert (Sunday)

Wine tasting, Gulyás party

Important dates and deadlines

Early bird registration: **June 1, 2019**

Abstract submission: **July 8, 2019**

Registration: **July 8, 2019**

Notification of acceptance: **July 16, 2019**

Payment: **August 1, 2019**

Conference: **September 08-12, 2019**

Manuscript submission:
September 31, 2019

Organizers

Research Centre for Natural Sciences,
Hungarian Academy of Sciences
Chemometric Section of the Hungarian
Academy of Sciences

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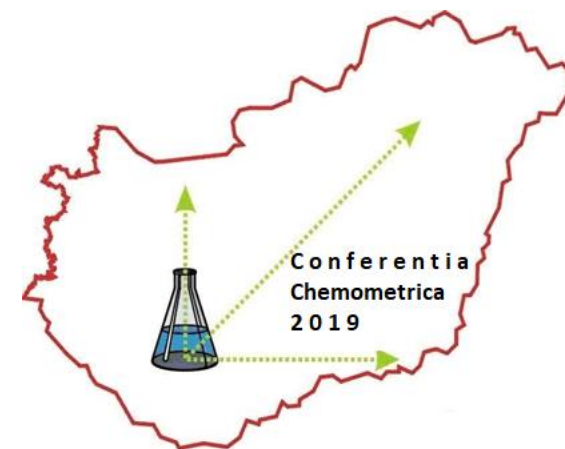
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Conferentia Chemometrica 2019

**Karcag, Hungary
Hotel Nimród
September 08-12, 2019**

Circular 1



Research Centre for Natural Sciences
Hungarian Academy of Sciences
Chemometric Section