

## POSTER PRESENTATIONS

1	Alexey L. Pomerantsev	On the Acceptance Regions in SIMCA Method
2	José Camacho, Picó, J., Ferrer, A.	A new look at the dynamic covariance structure of various approaches for batch process modeling
3	José Camacho, Jesús Picó and Alberto Ferrer	Cross-Validation Methods in Principal Component Analysis
4	José Camacho, Jesús Picó and Alberto Ferrer	A new algorithm for selecting the unfolding method and the number of sub-models in batch process modelling with PCA
5	Yury V. Zontov, Oxana Ye. Rodionova	Software implementation of the SIC method
6	A.G. Kan, S.V. Romanenko	A Filtering of Peak-shaped Signals by Wavelets Transformation
7	Maths Halstensen, Knut Kvaal, Sergei V. Kucheryavski, Peter Paasch Mortensen, Casper K. Dahl, Pentti Minkkinen & Kim H. Esbensen	Angle Measure Technique (AMT) - on time
8	A. Liebming, P. Filzmoser, K. Varmuza	A new variable selection method based on all subsets regression
9	Kristina N. Jensen, Flemming Jessen and Bo M. Jørgensen	Variable selection in the analysis of proteome data. Removal of irrelevant variables prior to a Jack-knife procedure
10	M. Allesø, F. van den Berg, C. Cornett, F.S. Jørgensen, J. Aaltonen and J. Rantanen	Solvent Diversity in Polymorph Screening
11	Stina Frosch Møller and Bo M. Jørgensen	Auto-fluorescence of fish muscle juice. Resolution into components by robust PARAFAC with
12	Gabriel Vivó-Truyols, Marijn de Roos, Bastiaan Staal, Peter J. Schoenmakers	A general (regression-based) method to obtain co-polymer topologies from MALDI-MS data
13	Ingrid Måge and Martin Kermit	Using pure analyte spectra and EMSC to improve prediction models
14	Angel Dago Isneri Talavera, Reinaldo Fernández, Noslen Hernández, Mercedes Laza	Setup and optimization of a PLS regression model for predicting % crystallinity in FCC catalysts by infrared spectroscopy
15	Pekka Teppola, Ralf Marbach, Tiina Maaninen, Janne Paaso and Lauri Kurki	Designing Good Sampling Optics: Estimation of Optical Scattering and Absorption Properties of Sample Materials
16	Lopes M., Brás L.P. and Menezes J.C.	A bootstrap-based strategy for spectral interval selection in PLS regression
17	Tuomas Kärnä, Amaury Lendasse	Optimal Gaussian basis functions for chemometrics
18	S. V. Romanenko, E. V. Larionova	Techniques for evaluation of sigmoid analytical signal properties. Base sigmoid signal models
19	Pekka Juusola, Jarmo K. Laihia and Satu-Pia Reinikainen	Estimation of dissociation constants from UV spectra and pH data by using discriminant PLS method
20	Csenki L., Torgrip R.J.O., Åberg K.M., Alm E., Nord L., Schuppe-Koistinen I., Lindberg L	Proof of principle of a generalized fuzzy Hough transform approach to peak alignment in metabolic profiling of 1D 1H-NMR data
21	Héctor Menez, Laura Markiewicz, Graciela Rojas, Gustavo Marchetti, Horacio Fernández	Control of Mid - Distillates Properties by NIR Technologies
22	Kari Aaljoki	Automating Quality Assurance of on-line NIR Analysers
23	Kari Aaljoki	Automating multivariate octane number predictions using chromatography systems
24	Jarno Kohonen, Satu-Pia Reinikainen, Kari Aaljoki, Annikki Perkiö, Taito Väänänen, Agnar Höskuldsson	Multi-block methods in multivariate process control
25	Jarno Kohonen, Satu-Pia Reinikainen, Agnar Höskuldsson	Analysis of score vectors in multivariate process control
26	Jarno Kohonen, Matti Ristolainen, Miia Asikainen, Satu-Pia Reinikainen	Automated Classification of Paper Grades with Lorentzen & Wettre Autoline Analyzer
27	Nicolas C. Imlinger, Christian Blattner, Manfred Krell, Michael R. Buchmeiser	Hard-Modelling of Reaction Kinetics by Combining Online Spectroscopy and Calorimetry
28	T. V. Bozina	Mathematical Model Applying for Optimizing the Factors Influencing the Analytical Signal
29	Andrea Heinz, Marja Savolainen, Thomas Rades, Clare Strachan	Partial least squares analysis can be used to quantify ternary mixtures of a pharmaceutical compound analyzed by Raman spectroscopy
30	Haiyan Qu, Jarno Kohonen, Satu-Pia Reinikainen, Marjatta Louhi-Kultanen, Juha Kallas	Raman spectroscopy in API processing: Pre-processing of Raman spectra and in-line monitoring of batch crystallization
31	Karin Kogermann, Jaakko Aaltonen, Clare J Strachan, Kati Pöllänen, Jyrki Heinämäki, Jouko Yliruusi, Jukka Rantanen	Quantitative analysis of solid-state changes using spectroscopy and multivariate modelling
32	H. Alatalo, J. Kohonen, H. Qu, H. Hatakka, S.-P. Reinikainen, M. Louhi-Kultanen, J. Kallas	In-line monitoring of reactive crystallization process based on ATR FTIR and Raman spectroscopy
33	Marinda Swanepoel & Kim H. Esbensen	Representative sampling and weighbridge NIR characterization of grape juice - Implementing
34	Marja Savolainen, Andrea Heinz, Clare Strachan, Niklas Sandler, Thomas Rades	Using spectroscopic techniques combined with principal component analysis to screen for differences in the stability of amorphous indomethacin
35	Reinaldo Francisco Teófilo, João Paulo Ataíde Martins, Márcia Miguel Castro Ferreira	Study of the computational performance of PLS algorithms using experimental design
36	Sanni Matero, Satu-Pia Reinikainen, Maija Lahtela-Kakkonen, Ossi Korhonen, Jarkko Ketolainen, Antti Poso	Estimation of drug release profiles of heterogeneous set of drugs from a starch acetate matrix tablet
37	Sánchez F.M., Luque M., Sanabria C., Lozano A., Valcarcel D., Martín M.J.	Optimization by Response Surface Methodology of the Pre-Treatment of Poultry with Lactic Acid and Ozone
38	M. Paakkunainen, S. Matero, J. Ketolainen, M. Lahtela-Kakkonen, A. Poso, S.-P. Reinikainen	Dissolution test of drug release: Uncertainty measurements
39	E.V. Mikhaylov, D.E. Bykov, O.V. Tupicina, A.L. Pomerantsev	Landfill as Analytical Object. Part I. Kinetic approach
40	E.V. Mikhaylov, K.L. Chertes, O.V. Tupicina, O.Ye. Rodionova	Landfill as Analytical Object. Part II. Chemometric approach
41	Riitta Heikka	Classification of sampling sites according to water quality: a case study of Lake Simpele, Finland