Conference Programme

Sunday, Aug 29 – Day 0
Arrival to Pardubice
Accomodation in hotel „Harmony" or University hostel
16.00 – 20.00 Registration in Harmony hotel reception

Monday, Aug 30 – Day 1
07.00 – 09.00 Breakfest
08.00 – 10.00 Registration at the Conference Center
10.00 – 10.30 Opening
10.30 – 11.15 Plenary lecture
***Richard Brereton**: Applications of Pattern Recognition*

11.15 – 11.45 Coffee break
11.45 – 12.30 Plenary lecture
***Vincenzo Esposito Vinzi**: PLS Generalised Linear Regression: Foundations and Recent Advances with Variable Selection and Validation Procedures*

12.30 – 13.30 Lunch
13.30 – 14.30 Oral presentations
Chairman: Richard Brereton
***David Milde**: Teaching Chemometry and Good Laboratory Practice at Palacky University in Olomouc*
***Manuel Zarzo**: Analysis of multiblock data sets to identify the key process variables in a batch polymerisation*
***Liudmila Larina**: The Analytical Signal Modelling for the Analysis Accuracy Increase at Some Model Determination by Stripping Voltametry in Environmental Objects*

14.30 – 15.00 Coffee break
15.00 – 16.00 Oral presentations
Chairman: Michael Tenenhaus
***Walter Focke**: Correlating Physical Property Data with Canonical Pade Approximants*
***Simeone Zomer**: Active Learning Support Vector Machines For Optimal Sample Selection in Classification with Application in Mass Spectrometry*
***Afshin R. Khorrami**: Determination of Caffeine in Blake Tea Leaves with FTIR Spectrometry Using Chemometrics A Comparision Between MLR, PLS, CLS as Calibration Models*

17.00 Welcome evening with excursion

Tuesday, Aug 31 – Day 2
7.00 – 9.00 Breakfest
09.30 – 10.15 Plenary lecture
***Michael Tenenhaus**: PLS and Sensory Analysis*

10.15 – 11.15 Oral presentations
Chairman: Harald Martens
***Manuel Zarzo**: Consistency analysis for PLS with variable selection to diagnose a dehydration process*
***Manuel Zarzo**: Analysis of dynamic gas sensor response using chemometric methods*
***Richard Brereton**: Statistical Use of Analytical Chemical Data in Court Cases*
11.15 – 11.45 Coffee break
11.45 – 12.45 Oral presentations
Chairman: Vincenzo Esposito Vinzi
***Walter Focke**: A Wilson local composition model for the viscosity of liquid mixtures*
***Zdeněk Wagner**: Robust Estimation of Particle Size Distribution of Atmospheric Aerosols by Gnostic Theory*
***Evelyn Archery**: Simultaneous Multicomponent Analysi of Cu, Ni, Fe and Co Using Partial Least Squares*

12.45 – 13.45 Lunch
14.00 – 16.00 Poster presentations
15.40 Refreshment
17.00 Excursion with historical programme

Wednesday, Sep 1 – Day 3
7.00 – 9.00 Breakfest
09.30 – 10.15 Plenary lecture
Harald Martens: *Multivariate and Multiblock Chemometrics: A Culture for the "New Bioinformatics"?*

10.20 – 10.05 Plenary lecture
Johan Trygg: *Recent Developments in PLS Regression: OSC Filters, Pure Profile Estimation and Bi-directional (X-Y) Modeling*

11.05 – 11.30 Coffee break
11.30 – 12.30 Oral presentations
Chairman: Milan Meloun
Hana Šormová: *Statistics and its Application During the Analysisi of Optical Spectra; Uncertainties and Measured Spectroscopy Data*
Jiří Militký: *Improved Uncertainty Prediction Strategy*
Selvarajah Shankar Kumar: *Wavelength Based Classification Technique*

12.30 – 14.00 Lunch
14.00 – 15.00 Oral presentations
Chairman: Jiří Militký
Jaroslava Hálová: *EA of Mstructure-Activity Data (QSAR) Using GUHA*
Tomáš Syrový: *Multivariate methods in chemometrics*
Milan Meloun: *Minimizing the Effects of Multicollinearity in the Polynomial Regression*

15.00 – 15.30 Coffee break
15.30 Company presentations
17.00 Excursion with cultural programme

Thursday, Sep 2 – Day 4
7.00 – 9.00 Breakfest
9.30 – 11.30 Oral presentations,
Sujatha Subramainan: *Optical Spectrum Analysis*
Nagwa Abo El-Maali: *Simultaneous Voltammetric Chemometric Determination of the Anticancer Drugs: Tarabine PFS, Adriplastina and Methotexate*
Jiří Militký: *Tutorial on Statistical Modelling*

11.15 – 11.45 Refreshment
12.00 Excursion
15.00 Lunch

Friday, Sep 3 – Day 5
Departure