Chemometrics Workshop - Wien 2010

Monday, 28 June 2010, 9:30 - 13:00

Schedule

9:30 - 9:40 | A. Friedl:
Short presentation of the *Institute of Chemical Engineering*
and the Research Division *Thermal Process Engineering and Process Simulation*

9:40 - 10:05 | O. Rodionova*, A.L. Pomerantsev, L. Houmøller, A.V. Shpak, O. Shpigun:
Application of NIR for counterfeit drug detection. Another proof that chemometrics is usable: NIR confirmed by HPLC-DAD-MS and CE-UV

10:05 - 10:30 | A.L. Pomerantsev*, O. Rodionova:
PAT solution to the drug release prediction

10:30 - 10:40 | A. Friedl:
Chemical engineering and chemometrics

10:40 - 10:50 | Discussion

10:50 - 11:10 | *Break*

11:10 - 11:25 | B. Liebmann*, A. Friedl, K. Varmuza:
Applicability of near-infrared spectroscopy for process monitoring in bioethanol production

11:25 - 11:40 | K. Varmuza:
A curious method for data from curious experiments:
Random projection with TOF-SIMS data from comet-relevant samples

11:40 - 12:00 | O. Rodionova, A.L. Pomerantsev:
Chemometrics in Excel

12:00 - 12:20 | R. Dutter, A. Zainzinger*, A. Alfons*:
DAS+R: A graphical user interface for multivariate data analysis in *R*

12:20 - 12:40 | P. Filzmoser:
The *chemometrics* package in *R* - applications in multivariate calibration and classification

12:40 - 12:55 | Discussion