Program

Tuesday evening: Welcome meeting in lecture room 218 between 6pm and 7:30pm.

Wednesday, 20.

9:00 **Opening**
Chair: Cyril
Anna de Juan
Raffaele Vitale
Coffee break

11:00 Chair: Romà
Marcel Maeder
Age Smilde

13:00 **Lunch**

14:00 Chair: Ricard
Hadi Paraster
Mahsa Akbari Lakeh
Coffee break

16:00 Chair: Anna
José Camacho
Johan Westerhuis

Thursday, 21.

9:00
Chair: Hadi
Romà Tauler
Alejandro Olivieri
Coffee break

10:45 Chair: Klaus
Hamid Abdollahi
Cyril Ruckebusch
Nemat Omidikia

Conference photo

13:00 **Lunch**

14:00 Chair: Marcel
Federico Marini*
Bahram Hemmateenejad*
Róbert Rajkó

17:30 **Guided city tour**, see page 41
19:30 **Conference dinner**
Restaurant „Borwin" in the
city harbour of Rostock,
see pages 41-42

Friday, 22.

9:00
Chair: Lutgarde
Ricard Boqué
Mahdiyeh Ghaffari
Coffee break

10:45 Chair: Alejandro
Ludovic Duponchel
Paul Gemperline

12:15 **Closing TIC**

* online

Name	est. min.	Title
Abdollahi, Hamid, 5	30	Pattern Recognition and Calibration Modeling in Multivariate Curve Resolution (MCR) Subspace
Akbari Lakeh, Mahsa, 6	30	Multivariate Curve Resolution as a Pretreatment Step in Multivariate Analysis of Variance
Boqué, Ricard, 9	30	Study of the winemaking process using infrared spectroscopy: set-up and variability sources
Camacho, José, 12	20	Power Curves in ASCA
de Juan, Anna, 13	30	A single factorization approach to address Multivariate Curve Resolution for incomplete multisets.
Duponchel, Ludovic, 15	20	Needle hunting in a big data haystack: uncovering exotic spectra in a vast medical imaging dataset
Gemperline, Paul, 17	30-40	Combination of Tucker3 and ASCA+ analysis of multi-omics data sets for cancer subtype detection and biomarker discovery
Ghaffari, Mahdiyeh, 19	30	Target Testing-based Net Analyte Signal: An Approach for Multilayer/Multicomponent Plastic Sorting with Hyperspectral Imaging
Hemmateenejad, Bahram, 21	30	Robust Multiplicative Scatter Correction using Quantile Regression
Maeder, Marcel, 23	30	Chemistry for Chemometricians, Chemometrics for Chemists
Olivieri, Alejandro, 24	30	Sensor-wise N-BANDS: an algorithm for estimating the boundaries of the range of feasible bilinear profiles
Omidikia, Nemat, 26	35	Essential information selection: addressing the high number of components and minor species
Paraster, Hadi, 28	30	Random Subspace Ensemble-Multivariate Curve Resolution-Alternating Least Squares as a new technique for first-order calibration of analytical data
Rajkó, Róbert, 30	30-40	Normalization in/of chemometrics
Ruckebusch, Cyril, 32	30	Essential spectral information in the Fourier domain
Smilde, Age, 34	30-45	Multidimensional Latent Path Models
Tauler, Romà, 35	30	Uncertainties of MCR solutions using global constrained optimization tools
Vitale, Raffaele, 37	30	Leveraging essential information for enhancing the accuracy of MCR-ALS factorisations in the presence of minor components
Westerhuis, Johan, 39	25	Repeated Measures ASCA+ for unraveling high-dimensional longitudinal data structures in biomedical studies.