	Wednesday 5	
8:30-9:00		
9:00-11:00	**Session β₂ . Contributed talks:** Interaction between data normalization and distance metrics in high-throughput sequencing data Kernel machine regression for microbiome compositional data Identifying microbe-metabolite interactions with a compositional matrix factorization Using balances to engineer features for the classification of health biomarkers Testing for differential abundance in high dimensional compositional counts data with application to microbiome studies	Session Chair: Hongzhe Li **Gloor, G.B.** **Calle, M. L**. ; Rivera, J **. ;** Egozcue, J.J . ; Pawlowsky-Glahn. ; Paredes, R.; Noguera-Julian, M. **Morton**, J . ; Dorrestein, P . ; Knight, R. **Quinn, T.P .** **Brill, B . ;** Amir, A. ; Heller, R.
11:00-11:30	Coffee Break	
11:30-13:30	**Session γ₁ . Contributed talks:** Biplots for compositional data derived from generalised joint diagonalization methods A spatial analysis in Bayes spaces of the natural background level of chemical species in large -scale groundwater bodies. Statistical models for point-counting data. Incorporating cell-wise errors in compositional exploratory analysis Detection of mineralization using the second derivative of log-ratios	Session Chair: Jennifer McKinley **Mueller, U. ;** Tolosana-Delgado, R . ; Grunsky, E.C . ; McKinley, J.M. **Menafoglio, A** . ; Guadagnini, L . ;Guadagnini, A . ; Secchi, P . **Vermeesch, P.** **Pospiech S, . ;** Kronz,A, . ; Tolosana-Delgado,R . **Miksova, D . ;** Rieser, C . ; Filzmoser, P .
13:30-15:00	Lunch Break	

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