Wednesday, June 3
5:30pm Shuttle leaves Sheraton Hotel for McMaster University
6:00pm Welcome BBQ McMaster University Club
9:30pm Shuttle leaves McMaster University for Sheraton Hotel

Thursday, June 4
8:00am Shuttle leaves Sheraton Hotel for McMaster University
8:30am Registration HH Math Cafe
8:50am Opening Remarks
Robert Baker, Dean, Faculty of Science
Douglas Steinley, President, Classification Society

President’s Invited Address
Chair: Doug Steinley
MULTILEVEL LATENT MARKOV MODELLING IN CONTINUOUS TIME, WITH AN APPLICATION TO THE ANALYSIS OF AMBULATORY MOOD ASSESSMENT DATA
Jeroen Vermunt, Tilburg University

10:10am Coffee Break HH Math Cafe

Contributed Session 1
Chair: Abby Flynt
MIXTURE OF LATENT TRAIT MODELS WITH THE CONTAMINATED GAUSSIAN DISTRIBUTIONS
Yang Tang, McMaster University
USING COHEN’S KAPPA FOR COMMUNITY DETECTION IN SOCIAL NETWORKS
Michaela Hoffman, University of Missouri at Columbia
VARIABLE SELECTION FOR SKEWED MODEL-BASED CLUSTERING: REVEALING NOVEL SLEEP PHENOTYPES
Meredith Wallace, University of Pittsburgh

12:00pm Lunch Break

Invited Lecture on Psychometrics
Chair: Jeroen Vermunt
CLUSTERING HETEROGENEOUS SAMPLES DURING MODEL SELECTION
Katie Gates, University of North Carolina at Chapel Hill

2:30pm Coffee Break

CS Distinguished Dissertation Award Session
Chair: Stanley Sclove
CLUSTERWISE & SWITCHING COMPONENT MODELS FOR MODELING BETWEEN-& WITHIN-BLOCK STRUCTURAL DIFFERENCES IN MULTIVARIATE MULTIBLOCK DATA
Kim De Roover, KU Leuven
NON-ELLIPTICAL & FRACTIONALLY-SUPERVISED CLASSIFICATION
Irene Vrbik, McGill University

Friday, June 5
7:30am Shuttle leaves Sheraton Hotel for McMaster University
8:30am President’s Address
Chair: Herbie Lee
ADVANCES AND NEW ROLES FOR PARTITION AGREEMENT
Doug Steinley, University of Missouri at Columbia

9:30am Coffee Break HH Math Cafe
9:50am  Invited session on 50 years of the Classification Society
       SOME REFLECTIONS ABOUT THE EARLY YEARS
       James Rohlf, Stony Brook University
       THE CLASSIFICATION SOCIETY: THE FIRST FIFTY YEARS
       Stanley Sclove, University of Illinois at Chicago
       THE JOURNAL OF CLASSIFICATION: THE FIRST THIRTY YEARS
       Willem Heiser, Leiden University

10:50am  Invited Lecture on Big Data
         TOWARDS A NEW SCIENCE OF BIG DATA ANALYTICS, BASED ON THE
         GEOMETRY & THE TOPOLOGY OF COMPLEX, HIERARCHIC SYSTEMS
         Fionn Murtagh, Goldsmiths, University of London and University of Derby

11:50pm  Lunch Break

Classification Society Board Meeting
HH 207

1:20pm  Invited Lecture on Classification Methodology
         MODEL-BASED CLUSTERING OF CATEGORICAL DATA BY RELAXING CONDITIONAL
         INDEPENDENCE
         Vincent Vandewalle, University Lille 2

2:20pm  Coffee Break

2:40pm  Contributed Session 2
         A HIDDEN TRUNCATION HYPERBOLIC DISTRIBUTION
         Paula Murray, McMaster University
         NEW APPROACHES FOR PREDICTION & INFERENCE WITH CLASSIFICATION
         TREE ENSEMBLES
         Samuel Ventura, Carnegie Mellon University
         MODEL SELECTION IN GAUSSIAN MIXTURE MODELING: A COMPARISON OF 21
         FIT STATISTICS
         Emilie Shireman, University of Missouri at Columbia

4:10pm  Classification Society General Meeting
HH 305

5:00pm  Shuttle leaves McMaster for RBG (Tour and Banquet)
5:10pm  Shuttle leaves McMaster for Sheraton Hotel
6:00pm  Shuttle leaves Sheraton Hotel for RBG (Tour and Banquet)
10:00pm Shuttle leaves RBG for Sheraton Hotel
10:30pm Shuttle leaves Sheraton Hotel for McMaster University

Saturday, June 6
8:20am  Shuttle leaves Sheraton Hotel for McMaster University

9:00am  Invited Session on Classification Methodology
         OPTIMIZATION UNDER CONSTRAINTS BY APPLYING ASYMMETRIC ENTROPY MEASURE
         Hebert Lee, University of California, Santa Cruz
         UNSUPERVISED LEARNING MIXTURES WITH COVARIATES FROM INCOMPLETE DATA
         Salvatore Ingrassia, University of Catania

10:30am Coffee Break
HH Math Cafe

10:50am  Contributed Session 3
         UNSUPERVISED LEARNING VIA MIXTURES OF SKewed DISTRIBUTIONS WITH
         HYPERcube contours
         Brian Franczak, McMaster University
         MULTIVARIATE STOCHASTIC PROCESS MODELS: JOINT REGRESSION & CLASSIFICATION
         Tony Pourmohamad, University of California, Santa Cruz
         GENETIC ALGORITHMS FOR FINDING BRAIN CONNECTIONS WHICH DISTINGUISH DISEASE
         William Shannon, University of Washington in St. Louis

12:20pm  Closing Remarks
12:45pm  Shuttle leaves McMaster for Sheraton Hotel