PROGRAM

June 17, Wednesday morning

9:00 Opening address
Robert Tichy, Dean of Science, Graz University of Technology

9:30 M. Rosenblatt: Stationary processes and a one sided representation in terms of independent identically distributed random variables

10:10 M. Lacey: New bounds for discrepancy function and small ball inequality in all dimensions

COFFEE BREAK

11:20 M. Csörgő: On Bahadur-Kiefer, Vervaat and Vervaat error processes of long-range dependent sequences

12:00 A. Jakubowski: Managing local dependencies for weakly dependent sequences

June 17, Wednesday afternoon

14:30 R. Bradley: A strictly stationary, N-tuplewise independent counterexample to the central limit theorem

15:10 M. Iosifescu: Proving a limit theorem for the continued fraction expansion using an iterated function system with a strictly stationary iteration mechanism

15:50 –16:40 **Poster session + Break**

G. Deligiannidis: A central limit theorem for one-dimensional random walk on random scenery
M. Jirak: Limit theorems for aggregated processes
J. Schauer: Asymptotics of trimmed CUSUM statistics
M. Wendler: U-statistics of strongly mixing data

16:40 J. Brauchart: The extremal energy problem and sequences modulo one

17:20 E. Csáki: On Vervaat process for sums and renewals in the dependent case

June 18, Thursday morning

9:00 M. Gordin: Two applications of multiparameter martingale approximation
9:40 D. Volny: Martingale approximations for processes with nonlinear growth of variances

COFFEE BREAK

10:50 J. Dedecker: An empirical central limit theorem for intermittent maps
11:30 M. Peligrad: Limit theorems via martingale approximation

June 18, Thursday afternoon

14:30 R. Baker: On a metrical theorem of Weyl
15:10 I. Berkes: Pseudorandomness, discrepancy, metric entropy: late research of Walter Philipp

COFFEE BREAK

16:20 K. Fukuyama: Metric discrepancy results for sequences with bounded gaps
17:00 C. Aistleitner: The law of the iterated logarithm and the central limit theorem for systems $(f(n_k x))_{k\geq 1}$

18:30 **Conference reception**

June 19, Friday morning

9:00 G. Morrow: A directed polymer approach to the once-oriented last passage site percolation time constant in high dimensions
9:40 P. Révész: Zeros of a two-parameter random walk

COFFEE BREAK

10:50 A. Földes: On the number of cutpoints of the transient NN random walk on the line
11:30 B. Franke: The extremes of random walks in random scenery

June 19, Friday afternoon

14:30 M. Weber: Dirichlet polynomials, some old and recent results
15:10 M. Denker: Random numbers for conformal measures

COFFEE BREAK

16:20 S. Utev: How much do we know about phi mixing?
17:00 P. Doukhan: Weak dependence and applications

June 20, Saturday morning

9:00 F. Merlevède: Invariance principles for linear processes
9:40 H. Dehling: Old and new techniques for empirical processes of dependent data
10:20 Closing of the conference