

CONFERENCE PROGRAM

Sunday, August 1

Morning Session

Chair: H. Sherwood, University of Central Florida

- 9:00–9:15 *Welcome*
H. Sherwood, University of Central Florida
- 9:20–9:50 *Random Variables, Distribution Functions, and Copulas
– a Personal Look Backward and Forward*
A. Sklar, Illinois Institute of Technology
- 9:55–10:25 *Families of m -Variate Distributions with Given Marginals
and $m(m-1)/2$ Bivariate Dependence Parameters*
H. Joe, University of British Columbia

Afternoon Session

Chair: G. Dall’Aglío, Università Degli Studi di Roma

- 2:00–2:30 *Constructions of Doubly Stochastic Measures*
D. Feldman, University of New Hampshire
- 2:35–3:25 *Distributions with Logistic Marginals and/or Conditionals*
B. C. Arnold, University of California, Riverside

Monday, August 2

Morning Session

Chair: I. Olkin, Stanford University

- 8:30–9:20 *Some Methods of Construction of Distributions with Fixed
Multivariate Marginals, with Applications*
H. Li, University of Arizona,
M. Scarsini, Università D’Annunzio, and
M. Shaked*, University of Arizona
- 9:25–9:55 *Coupling and Limit Theorems*
Y. Rinott, University of California, San Diego
- 10:25–11:15 *A Representation for Doubly Stochastic Measures*
R. Vitale, University of Connecticut

First Afternoon Session

Chair: R. M. Tardiff, Salisbury State University

- 1:45–2:15 *Distributions with a Given Coupla*
A. W. Marshall, University of British Columbia and
Western Washington University
- 2:20–2:35 *A Stochastic Model of Joint Action*
M. J. Frank, Illinois Institute of Technology
- 2:40–2:55 *Some New Families of Bivariate Copulas*
J.-J. Quesada-Molina, Universidad de Granada,
J.-A. Rodriguez-Lallena*, Universidad de Almeria
- 3:00–3:15 *Copulae of Capacities on Product Spaces*
M. Scarsini, Università D’Annunzio

Second Afternoon Session

Chair: M. D. Taylor, University of Central Florida

- 3:45–4:15 *Copulas and Markov Operators*
W. F. Darsow, B. Nguyen, and E. T. Olsen*,
Illinois Institute of Technology
- 4:20–4:35 *Derivability of Some Operations on Distribution Functions*
R. B. Nelsen, Lewis and Clark College,
J.-J. Quesada-Molina, Universidad de Granada,
B. Schweizer, University of Massachusetts, Amherst, and
C. Sempì*, Università di Lecce
- 4:40–4:55 *Derivability and Nonderivability of Operations on
Structures of Choice Probabilities*
A. A. J. Marley, McGill University

Tuesday, August 3

First Morning Session

Chair: K. Shannon, Salisbury State University

- 8:30–9:20 *In Quest of Birkhoff's Theorem in Higher Dimensions*
X. Li, P. Mikusiński*, H. Sherwood, and M. D. Taylor,
University of Central Florida
- 9:25–9:40 *Nonsquare "Doubly Stochastic" Matrices*
X. Li*, P. Mikusiński, H. Sherwood, and M. D. Taylor,
University of Central Florida
- 9:45–10:00 *Doubly Stochastic Operators and Positive Operators on
 L^p -Spaces*
R. Grzaślewicz, Politechnika, Wrocław

Second Morning Session

Chair: M. J. Frank, Illinois Institute of Technology

- 10:30–11:00 *On Rounding Matrices with Fixed Marginals: An Axiomatic
Approach*
M. Balinski, École Polytechnique, Paris
- 11:05–11:20 *On the Convolution of Beurling Type Ultradistributions and
Ultratempered Ultradistributions*
A. Kamiński*, Polish Academy of Sciences, Katowice,
D. Perišić, and S. Pilipović,
University of Novi Sad

Wednesday, August 4

Morning Session

Chair: C. Williams, Clemson University

- 8:30–9:20 *Empirical Distributions with Specified Marginals*
P. Deheuvels, Université de Paris
- 9:25–9:40 *Nonparametric Measures of Multivariate Association*
R. B. Nelsen, Lewis and Clark College

- 9:45–10:00 *Order Statistics Based on Variables with Given Marginal Distributions*
T. Rychlik, Polish Academy of Sciences, Sopot
- 10:30–11:20 *Multivariate Extremal Distributions Having Given Marginals: Applications in Multivariate Statistics*
E. Tiit, University of Tartu

First Afternoon Session

Chair: B. Schweizer, University of Massachusetts, Amherst

- 1:45–2:15 *Isotonic Regression for Partial Orders on Permutations*
H. W. Block*, S. Qian, and A. R. Sampson,
University of Pittsburgh
- 2:20–2:35 *A Distribution with Given Marginals and Given Regression Curve*
C. M. Cuadras, Universitat de Barcelona
- 2:40–2:55 *Extremal and Optimal Solutions of Some Mass Transportation Problems*
V. Beneš*, Czech Technical University, and
J. Štěpán, Charles University

Second Afternoon Session

Chair: E. T. Olsen, Illinois Institute of Technology

- 3:25–4:15 *Mass Transportation Problems and Recursive Algorithms*
S. T. Rachev, University of California, Santa Barbara
- 4:20–4:35 *A Version of the Mass Transportation Problem*
V. L. Levin, Central Institute of Mathematical Economics,
Academy of Sciences, Moscow

Thursday, August 5

Morning Session

Chair: R. B. Nelsen, Lewis and Clark College

- 8:30–9:20 *Ambiguity in Bounded Moment Problems*
H. G. Kellerer, University of Munich
- 9:25–9:40 *Marginal Problems in Arbitrary Product Spaces*
D. Ramachandran, California State University, Sacramento
- 9:45–10:00 *Optimal Maps for the L^2 -Wasserstein Distance*
J. A. Cuesta-Albertos, Universidad de Cantabria
- 10:30–11:20 *Strassen's Theorem for Vector Measures*
R. M. Shortt, Wesleyan University

Afternoon Session

Chair: P. Mikusiński, University of Central Florida

- 1:45–2:35 *Product Type Representation and Fréchet-Bounds*
L. Rüschendorf, University of Freiburg
- 2:40–2:55 *Classes of Multivariate Distributions Characterized by Lower-Dimensional Marginals*
A. Kagan, University of Maryland, College Park

- 3:25–4:15 *Moment Problems for Measures on \mathbb{R}^n with Given
 k-Dimensional Marginals*
 J. H. B. Kemperman, Rutgers University
- 4:20–4:40 *Closing Remarks*
 B. Schweizer, University of Massachusetts, Amherst