

Scientific Program

August 30 (Monday), 2004

09:10–10:40 (Session I) Financial Markets and International Finance; Regulatory Environments; Risk Management

Chair: Steve Stigler (University of Chicago, USA)

09:10–09:40 “International Finance: Pushing the Statistical Envelope to Meet the Challenges of Globalization”

Carol Carson (IMF)

09:40–10:10 “Why are Statistics Pre-eminent in the Efficient Operation of Financial Markets?”

Dennis Trewin (Chief Statistician, Australian Bureau of Statistics, ISI Past-President)

10:10–10:40 Discussants:

Jef Teugels (Katholieke Universiteit Leuven, Belgium)

Paul Van den Bergh (BIS)

11:00–12:30 (Session II) Business and Industrial Statistics

Chair: Bill Cleveland (Purdue University, USA)

11:00–11:30 “Statistics in Business and Industry: Implementation”

Bovas Abraham (University of Waterloo, Canada)

11:30–12:00 “The Industrial Statistics Divide: Are Statisticians Really Relevant to Business and Industry?”

Nicholas Fisher (ValueMetrics, Australia)

12:00–12:30 Discussants:

Sung Hyun Park (Seoul National University, Korea)

Jayant Deshpande (University of Pune, India)

13:30–15:00 (Session III) Official Statistics and Globalization Issues

Chair: Dennis Trewin (Australian Bureau of Statistics, ISI Past-President)

13:30–14:00 “Official Statistics, Globalization and World Democracy—A Challenge”

Carlo Malaguerra (Director General of the Swiss Federal Statistical Office, Switzerland)

14:00–14:30 “The Role of NSOs in Assuring National Prosperity: A Case Study of Korea”

Oh, Jong Nam (Commissioner of National Statistical Office, Korea)

14:30–15:00 Discussants:

Pilar Guzman (Universidad Autónoma de Madrid, Spain)

Klaus Trutzel (Bureau of Statistics, Germany)

15:20–16:50 (Session IV) Panel Discussion

Topic: Statistics Education

Moderator: Donald Dawson (University of Carleton, Canada)

Panelists:

David Moore (Purdue University, USA)

Maria Ottaviani (University of Rome, Italy)

Dennis Trewin (Australia, ISI Past-President)

Chris Wild (University of Auckland, New Zealand)

Ben Kiregyera (Bureau of Statistics, Uganda)

17:10–18:40 (Session V) Computer Science, Physical Sciences and Statistics;
Communications and Information Technology; Networks

Chair: Niels Keiding (University of Copenhagen, Denmark)

17:10–17:40 “Learning from Data: Unifying Statistics and Computer Science”

William S. Cleveland (Purdue University, USA)

17:40–18:10 “Statistics and the Wealth of Nations”

Stephen Stigler (University of Chicago, USA, ISI President)

18:10–18:40 Discussants:

Moon Yul Huh (Sung Kyun Kwan University, Korea)

Jae C. Lee (Korea University, Korea)

August 31 (Tuesday), 2004

09:00–10:30 (Session VI) Environment

Chair: David Moore (Purdue University)

09:00–10:00 “Environmental Statistics: Current and Future”
 Jef Teugels (Katholieke Universiteit Leuven, Belgium)
 Abdel El-Shaarawi (National Water Research Institute, Canada)

10:00–10:30 Discussants:
 Dennis Trewin (Australia, Past ISI President)
 Donald Dawson (University of Carleton, Canada)

10:50–12:20 (Session VII) Current Issues in Survey Statistics and Data Quality

Chair: Chihiro Hirotsu (Meisei University, Japan)

10:50–11:20 “On Measuring the Quality of Survey Estimates”
 Jon N.K. Rao (Carleton University, Canada)

11:20–11:50 “Survey as a Source of Statistics and Factors Affecting the Quality of Survey Statistics”
 Fred Ho (Commissioner for Census and Statistics, Hong Kong)

11:50–12:20 Discussants:
 Luigi Biggeri (University of Florence, Italy)
 G. Kalton (Westat, USA)

13:20–14:50 (Session VIII) Life Sciences Biology and Medicine

Chair: Chris Wild (University of Auckland, New Zealand)

13:20–13:50 “Roles of Statistics in the Life Sciences”
 Niels Keiding (University of Copenhagen, Denmark, ISI President-elect)

13:50–14:20 “Statistics for Studies of Human Welfare”
 Nanny Wermuth (Chalmers/Gothenburg University, Sweden)

14:20–14:50 Discussants:
 Sylvia Richardson (Imperial College, UK)
 Chihiro Hirotsu (Meisei University, Japan)

15:10–16:40 (Session IX) Panel Discussion

Topic : Public Awareness, Professionalism and Professional Accreditation,
 International Collaboration

Moderator: Jae C. Lee (Korea University, Korea)

Panelists:

Nicholas Fisher (ValueMetrics, Australia)
 Niels Keiding (University of Copenhagen, Denmark)
 Stephen Stigler (University of Chicago, USA)
 Jef Teugels (Katholieke Universiteit Leuven, Belgium)
 Yuan Wei (People’s University of China, China)