

ORDINAL AND SYMBOLIC DATA ANALYSIS CONFERENCE
AUGUST 20-23, 2003
University of California, Irvine

**Unless noted otherwise all sessions will be held:
At the Social Sciences Plaza A Room 2112 (SSPA 2112)**

Wednesday, August 20

7:00pm – 10:00pm **Registration and Get together:**
Atrium Hotel, 18700 MacArthur Blvd

Thursday, August 21

8:00am - 8:45am Registration: SSPA 2142
8:45am - 9:00 am Welcome Address by **Jean-Claude Falmagne**

9:00am - 12:30pm **SESSION 1: Chair: Donald Saari**
9:00am -10:00am **Invited Address: Donald Saari**
“Symmetries and Other Data Structures”

10:00am -10:30am Coffee Break/Registration SSPA 2142

10:30am - 11:30am **Invited Address: Olivier Hudry**
“Links Between Some Tournament Solutions”

11:30am - 12:30pm **Invited Address: Fred Roberts**
"Voting, Meta-Search and Bioconsensus"

12:30pm - 2:00pm LUNCH

2:00pm - 4:00pm **SYMPOSIUM: MEDIA THEORY**
Chair: Sergei Ovchinnikov

Sergei Ovchinnikov:
“Media Theory – Examples and Representations”

David Eppstein:
“Algorithms for Media”

Yung-Fong Hsu:
“The Tuning In and Out Model: A Random Walk and its
Application to A Presidential Election Survey”

4:00pm - 4:30pm Coffee Break SSPA 2142

4:30pm - 6:30pm **SESSION 2: Chair: Robert E. Jamison**
4:30pm - 5:30pm **Bernard Fichet:**
“The Twenty Two Minimal Dichotomy Decompositions of the
Equilateral Distance on Five Points”

5:30pm - 6:00pm Open Session: Random Talks

7:00pm – 10:00pm **Banquet Dinner: Kitayama Japanese Rest. Newport Beach**

Friday, August 22

9:00am - 12:30pm

9:00am - 10:00am

SESSION 1: Chair: Kenneth Bogart

Invited Address: Kenneth Bogart

“Interval Orders and their Higher Dimensional Analogs”

10:00am - 10:30am

Coffee Break SSPA 2142

10:30am - 11:30am

Invited Address: Robert E. Jamison

“Trees Invariant Under a Half-Turn”

11:30am - 12:30am

Invited Address: Edwin Diday

“Tessellation of Concepts by Spatial Clustering in Symbolic Data Analysis”

12:30pm - 2:00pm

LUNCH

2:00pm - 4:00pm

SYMPOSIUM: ORDER POLYTOPES

Chair: Jean-Paul Doignon

Sergei Ovchinnikov

“Weak Order Cubical Complexes”

Samuel Fiorini:

“Turning Factor-Critical graphs into Facets of the Linear Ordering Polytope”

Reinhard Suck:

“Categorical Judgement in the Random Utility” Framework”

4:00pm - 4:30pm

Coffee Break SSPA 2142

4:30pm - 6:00pm

4:30pm – 5:00pm

SESSION 2: Chair: Michel Regenwetter

Mireille Gettler Summa:

“Distribution Analysis on Gene Arrays Through Symbolic Data Analysis”

5:00pm – 5:30pm

Patrice Bertrand:

“On Interval-families, Transitive Orientations and Gall Arc-equivalence in Graphs”

5:30pm - 6:00pm

Alex Grossman:

“A Rank-based Classification Method Applied to Biological Sequence Data”

6:00pm – 6:30pm

Open Session: Random Talks

Saturday, August 23

9:00am -12:30am
9:00am - 10:00 am

SESSION 1: CHAIR: MEL JANOWITZ

Invited Address: Mel Janowitz

“A Natural Classification of Isotone Real Mappings”

10:00am -10:30 am

Coffee Break SSPA 2142

10:30am -11:30 am

Invited Address: Marc Pirlot

“Preferences for Multi-Attributed Alternatives: Traces, Dominance, and Numerical Representations”

(work by Denis Bouyssou and Marc Pirlot)

11:30am – 12:30pm

Invited Address: Michel Regenwetter

“Aggregation of Probabilistic Ordinal Preferences”

12:30am - 2:00 pm

LUNCH

2:00am - 6:00 pm
2:00pm – 3:00pm

SESSION 2: CHAIR: FRED ROBERTS

Invited Address: Rudolf Wille

“Formal Concept Analysis as Basis for Ordinal Data Analysis”

3:00pm – 3:30pm

Coffee Break SSPA 2142

3:30pm – 6:00pm

Jean-Paul Doignon:

“Counting Structures of Preference”

Thierry Marchant:

“Measurement Based on Classes”

(work by Denis Bouyssou and Thierry Marchant)

Open Session: Random Talks