
WEDNESDAY OCTOBER 12th

8:30 – 9:20 Opening Session

9:20 – 10:50 Discrete Location and supply chain 1

(Chair: Nathalie Bostel)

Dispersion Location Model with Equity Measures
Maria Barbati, Giuseppe Bruno, Daniela Cuomo

Environmental and economic efficiencies in a location optimization strategy
Carl Gagné, Vincent Hovelaque

The Capacitated Facility Location Problem with Penalties and Revenues: Formulations and Valid Inequalities
Maria João Lopes

Design of multi-period two-echelon logistics networks including facility sizing decisions
Isabel Correia, Teresa Melo, Francisco Saldanha-da-Gama

11:10 – 12:40 Hub location 1

(Chair: Sibel A. Alumur)

Hub location problem with allowed traffic route between non-hub nodes
Ali I. Mahmutogullari, Bahar Y. Kara

New formulation for the multiple allocation p-hub median problem
Sergio Garcia, Mercedes Landete, Alfredo Marín

The Single Allocation Hub Center FlowLoc Problem
Horst W. Hamacher, Stephanie Heller

Hierarchical multimodal hub location problem
Sibel A. Alumur, Hande Yaman, Bahar Y. Kara

13:50 – 15:20 Applications

(Chair: Pierre Dejax)

Location of sites in a postal network: examples and learning
Bernard Lemarié

Models for optimal cache location in Content Delivery Networks
Walid Ben Ameer, Pierre Banguion, Eric Gourdin

Locating landfills and allocating capacities for minimum pollution
H.A. Eiselt, Vladimir Marianov

A p-median model with distance selection
Stefano Benati, Sergio Garcia

15:40 – 16:30 Location under uncertainty 1

(Chair: Francisco Saldanha-da-Gama)

On solving the multi-period location-assignment problem under uncertainty
Maria Albareda-Sambola, Antonio Alonso-Ayuso, Laureano F. Escudero, Elena Fernández, Celeste Pizarro

Facility location with heterogeneous Bernoulli demands and facility outsourcing
Maria Albareda-Sambola, Elena Fernandez, Francisco Saldanha-da-Gama

17:45 – 19:30 Guided city tour

THURSDAY OCTOBER 13th

8:30 – 9:30 Invited presentation (Chair: *Francisco Saldanha-da-Gama*)

Stochastic programming with mixed-integer variables
Maarten van der Vlerk

9:30 – 10:20 Location under uncertainty 2 (Chair: *Francisco Saldanha-da-Gama*)

Modeling Uncertainties in Location-Allocation Problems
Markus Kaiser, Kathrin Klamroth

Locating Hub Facilities under Disruption Risk
Ehsan Nikbakhsh, Seyed Hessameddin Zegordi

10:40 – 12:30 Hub location 2 (Chair: *James F. Campbell*)

Multi-product capacitated single allocation hub location problems: formulations and inequalities
Isabel Correia, Stefan Nickel and Francisco Saldanha-da-Gama

Exact Solution of Large-Scale Hub Location Problems with Multiple Capacity Levels
Ivan Contreras, Jean-François Cordeau, Gilbert Laporte

A specialized Branch & Bound & Cut for Single-Allocation Ordered Median Hub Location problems
Justo Puerto, A. B. Ramos, Antonio M. Rodríguez-Chía

Environmental Implications of Hub Networks
Morton E. O'Kelly

Competitive Hub Arc Network Design for Airlines
James F. Campbell, Mihiro Sasaki

14:00 – 15:50 Logistics and transportation (Chair: *Olivier Péton*)

Hub Location Problem in String Planning of Liner Shipping Industries
Shahin Gelareh, Nelson Maculan, Philippe Mahey, Rahimeh N. Monemi

A geometric approach for rescheduling a railway transportation network in presence of transfers
Juan A. Mesa, Francisco A. Ortega, Miguel A. Pozo

The Transfer Point Location Problem in the Plane with Manhattan Distances
H.A. Eiselt, Vladimir Marianov

Distribution of n-directional distance on circular city
Takamori Ukai

A model for an extended intermodal logistic network design
Maria J. Cortinhal, Anabela Costa, Maria J. Lopes, Ana C. Nunes

16:10 – 17:20 Discrete location and supply chain 2 (Chair: *Nathalie Bostel*)

A General Mathematical Model to rationalize a Service Supply System
Giuseppe Bruno, Andrea Genovese, Carmela Piccolo

Dynamics of Multiple Retail Category Distributions with respect to trip Chaining Behavior
Yudai Honma

Developing a reverse network design model under uncertainty
Majid Eskandarpour

17:20 – 18:50 Continuous location 1

(Chair: Katrin Klamroth)

Locating Least Absolute Deviations Regression Lines with Latent Classes and Outliers

Robert Schieweck, Anita Schöbel

The ordered anti-median problem with distances derived from a strictly convex norm

Antonio J. Lozano, Juan A. Mesa, Frank Plastria

Rectilinear deviation distance to visit a facility

Masashi Miyagawa

Locating lines with a restriction on the slope

Thorsten Kremasky, Anita Schöbel

FRIDAY OCTOBER 14th

8:30 – 9:30 Invited presentation

(Chair: Stefan Nickel)

Green Logistics

Richard Eglese

9:30 – 10:40 Hub location 3

(Chair: S.A. Alumur and J.F. Campbell)

An Effective VNS for the Discrete Ordered Median Hub Location

Justo Puerto, Dionisio Pérez, Carlos García

Optimal locations of gateway and local hub airports in Asia

Mihiro Sasaki, Takehiro Furuta, Atsuo Suzuki

The formulation of the hub arc location problem

Ivan Contreras, Elena Fernandez

11:00 – 12:30 Covering models

(Chair: Ioannis Giannikos)

The Cooperative Cover Location Problem on Networks

Igor Averbakh, Oded Berman, Jörg Kalcsics, Dmitry Krass, Stefan Nickel

A multi-period capacitated school location problem with modular equipments and age restrictions

Eric Delmelle, Jean-Claude Thill, Dominique Peeters, Isabelle Thomas

Maximum flow-covering location and service-start-time problem and some variants

Ken-ichi Tanaka

Using Clustering Heuristics to solve demand covering Models

Basilis Boutsinas, Ioannis Giannikos

14:00 – 15:50 Continuous location 2**(Chair: Anita Schöbel)**

Single-Facility Huff Location Problems on Networks. A DC Approach

Rafael Blanquero, Emilio Carrizosa, Amaya Nogales-Gómez, Frank Plastria

Locating a competitive facility with a robustness criterion

Rafael Blanquero, Emilio Carrizosa, Eligius M.T. Hendrix

Minimizing ordered weighted averaging of rational functions: A Semidefinite Programming approach for Location Problems

Justo Puerto, Victor Blanco, Safae El Haj Benali

Solving Mixed Continuous and Combinatorial Location Problems by Geometric Branch & Bound

Anita Schöbel, Daniel Scholz

A Two-Stage Stochastic Programming Approach for Location-Allocation Models in Uncertain Environments

Markus Kaiser, Kathrin Klamroth

16:10 – 17:40 Competitive location**(Chair: Blas Pelegrin)**

A new location model for chain expansion under delivered pricing competition

Blas Pelegrin, Pascual Fernández, María Dolores García, Saül Cano

A Comparative Analysis of Multidimensional Coalition Formation Models

Tom Blockmans, Frank Plastria, Joris Pieters

On a Huff-like location model with variable demand

Pascual Fernandez, Blas Pelegrin, Saul Cano

Location models and GIS tools for franchise distribution

Rafael Suarez-Vega, Dolores R. Santos-Penate, Pablo Dorta-Gonzalez

17:40 – 18:20 EWGLA SESSION

20:00 *Waiting-for-the-gala-dinner drink*

21:30 *Gala dinner at La Cigale*
