



Transportation Science and Logistics Society

New Year's Reflections From the President, Elise Miller-Hooks

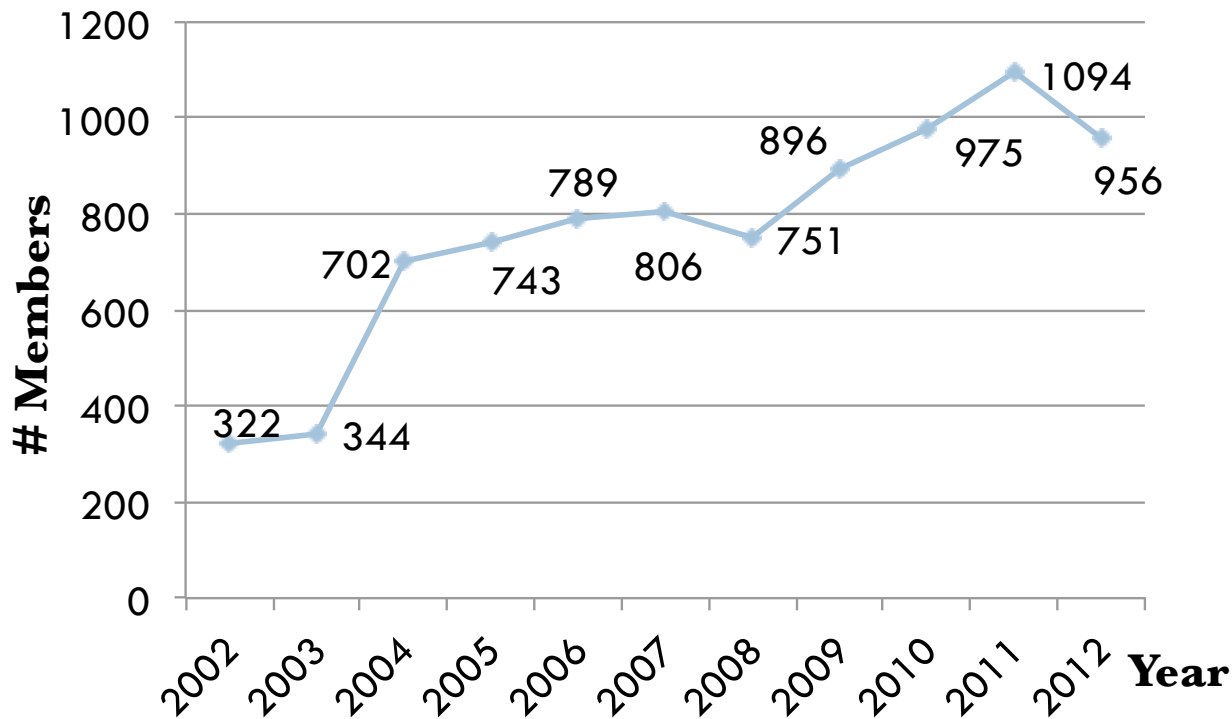
With every New Year comes a time of reflection and anticipation. We are grateful for the opportunities we seize and sorry for those that are lost. We again mourn those in our community who will not be with us to experience the coming year. We relish in a time of new beginnings. With the New Year only days away, I wish to share with you some reflections on TSL in 2012 and my excitement for new adventures to come our way in 2013.

As a TSL Board member, I have had the great pleasure of working closely with Patrick Jaillet (our outgoing Past President), Dave Lovell (our outgoing Secretary/Treasurer/Photographer Extraordinaire), Laurie Garrow (our incoming President), and Maciek Nowak (hopefully, our eternal Webmaster). What an amazing group! Thank you, Patrick, for your service to our community. Your enthusiasm for TSL, forward-looking way of thinking, "right-on" advice (on which I relied heavily this year!), and fun sense of humor were not without notice. We hope to be able to call on you to guide us for many years to come. Dave, you too have served our community with great care. You have been a backbone of our society. Thank you for four years of dedicated service. And, what can one say to our Webmaster who handles every request seemingly within seconds, and with care to each detail? I can only think of one thing, "Please, never quit! We need you!" I must also mention our gifted Newsletter Editor, Mike Hewitt, who does a fantastic job! While it is hard for me to let Patrick and Dave move on to new ventures, I am excited to welcome Grazia Speranza (our incoming VP/President-Elect) and Ann Campbell (our incoming Secretary Treasurer) to our Board.

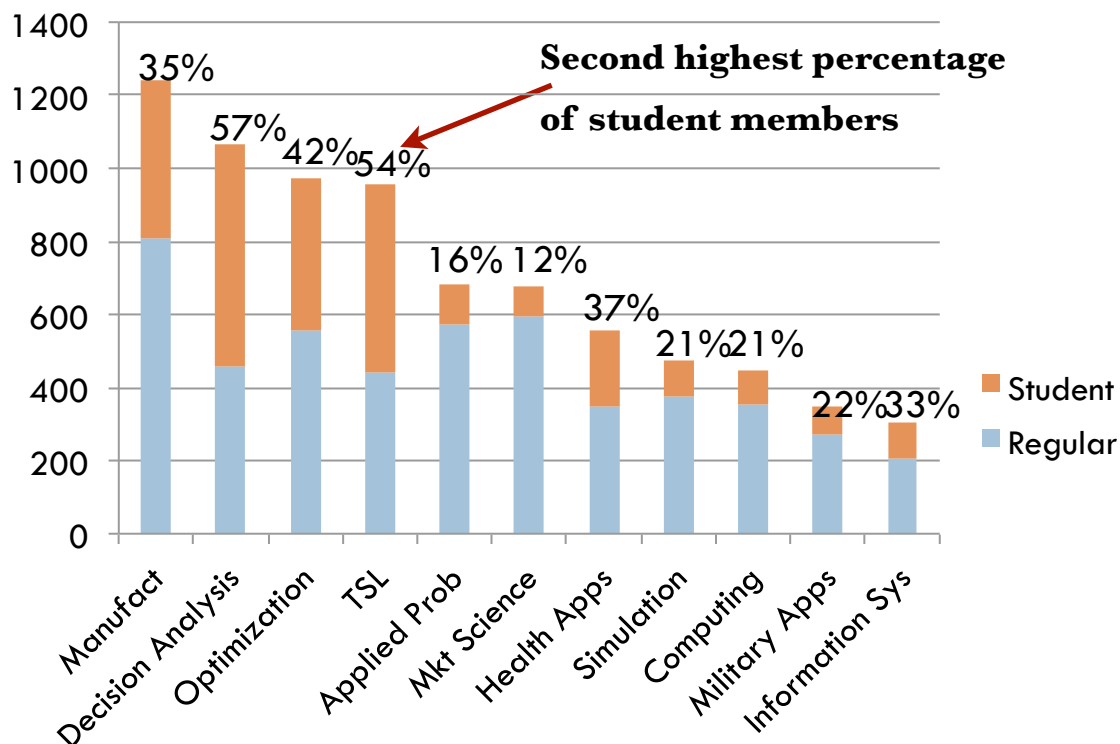
This past year, TSL implemented some new initiatives. We held our first poster session, also referred to as an interactive session, and first session in which our best dissertation and best paper prize winners presented their prize winning works. Additionally, in Phoenix, we sponsored 56 sessions involving over 200 presentations, and more than 200 people attended our Business Meeting. In 2013, we look forward to the second Annual TSL Workshop in Asilomar, California. This workshop will address maritime transportation and port logistics. TSL has also appointed Giovanni Righini from Università degli Studi di Milano as TSL Society's Chief Coordinator for the Euro-INFORMS July 2013 meeting in Rome.

The TSL Society is a vibrant, energetic, and collegial community because of its members and friends. As 2013 approaches and I think of the many things for which I am grateful, I include the wonderful people of this community. Happy New Year!

-Elise (TSL Soon-to-Be Past President)



A slight dip in membership but we're still #4!





EURO | INFORMS MMXIII ROME

26TH EUROPEAN CONFERENCE ON OPERATIONAL RESEARCH

"ALL ROADS LEAD TO OR"

ROME 1-4 JULY, 2013

Following the success of previous EURO Conferences, we announce the 26th EURO – INFORMS Joint International Conference, which will be held in Rome on 1-4 July 2013.

The Programme Committee chaired by Marc Sevaux (EURO) and David Simchi Levi (INFORMS) and the Organizing Committee chaired by Paolo Dell'Olmo (AIRO), are preparing a high quality Scientific programme and an exciting social programme for the Conference.

PLEASE VISIT WWW.EURO2013.ORG FOR MORE INFORMATION

IMPORTANT DATES

Abstract submission deadline:	1 March 2013
Notification to authors:	15 March 2013
Deadline for early registration (and inclusion in the programme):	15 April 2013
Registration and Welcome Cocktail:	30 June 2013
Conference date:	1 - 4 July 2013

CALL FOR PAPERS AND SESSIONS

Oral presentations will be organized in parallel sessions. Authors can present only one paper at the Conference. Submit your abstract (max 600 characters) and register on line: www.euro2013.org

WE INVITE SUBMISSION ON - BUT NOT LIMITED TO - THE FOLLOWING AREAS:

- Artificial Intelligence, Fuzzy systems
- Computing
- Continuous Optimization
- Control Theory & System Dynamics
- Data science, Business analytics, Data mining
- Decision Analysis, Decision Support Systems, DEA and Performance Measurement
- Discrete Optimization, Geometry & Graphs
- Emerging applications of OR
- Energy, Environment and Climate
- Financial Modeling, Risk Management, Managerial Accounting
- Game theory, Mathematical Economics
- Location, Logistics, Transportation
- Metaheuristics
- Multiple Criteria Decision Making and Optimization
- OR Education, History, Ethics
- OR for Developing Countries, Humanitarian applications
- OR in Health & Life Sciences
- OR in industry and software for OR
- OR in Natural Resources
- Production Management & Supply Chain Management
- Revenue Management
- Scheduling, Time Tabling & Project Management
- Service systems
- Simulation, Stochastic Programming and Modeling
- Soft OR and Problem Structuring Methods
- Telecommunication, Networks and Social Networks

REGISTRATION FEES:

Regular:	350.00 Euro (early)	470.00 Euro (late)
Student:	190.00 Euro (early)	290.00 Euro (late)
Accompanying persons:	80.00 Euro	

EARLY BIRD REGISTRATION DEADLINE: 15 APRIL 2013

RECOMMENDATIONS

Rome receives more than 7 million tourists a year and since July is high tourist season, to enjoy the conference in the most convenient way, we strongly recommend to book as early as possible:

1. accommodation in Rome through the Conference webpage
2. air tickets

Dissertation Awards

TSL Dissertation Award

Awarded to: Jon D. Petersen, Georgia Tech

PhD thesis: “Large-Scale Mixed Integer Optimization Approaches for Scheduling Airline Operations under Irregularity.”

Advisors: Ellis Johnson, John-Paul Clarke



Dr. Jon Petersen receives the 2012 TSL Dissertation prize from TSL President Prof. Elise Miller-Hooks and TSL Awards chair Prof. Satish Ukkusuri.

photo: David Lovell

Association of European Operational Research Societies (EURO) Doctoral Dissertation Award (2012)

This award distinguishes an outstanding PhD thesis in Operational Research defended in one of the 30 countries having an OR society that is a member of EURO.

Awarded to: Carolina Osorio Pizano, Ecole Polytechnique Fédérale de Lausanne

PhD thesis: "Mitigating network congestion: analytical models, optimization methods and their applications."

TSL Best Paper Award**First Prize:** John J. Bartholdi III and Donald D. Eisenstein**Title:** “A Self-Coordinating Bus Route to Resist Bus Bunching.”**Published in:** Transportation Research Part B, 46:481-491

Professors John Bartholdi and Donald Eisenstein accept their 2012 TSL best paper award.
L to R: TSL President Prof. Elise Miller-Hooks, Prof. Bartholdi, Prof. Eisenstein, and TSL Awards chair Dr. Luce Brotcorne.
photo: David Lovell

Honorable Mention: Ulrich Derigs and Stefan Friederichs**Title:** “Air Cargo Schedule Planning: Integrated Models and Solution Procedures.”**Published in:** OR Spectrum: On-Line

Prof. Ulrich Derigs accepts the 2012 TSL Best Paper Honorable Mention award on behalf of himself and his co-author Stefan Friederichs, from TSL President Prof. Elise Miller-Hooks and TSL Awards chair Prof. Luce Brotcorne.
photo: David Lovell

New Supply and Value Chain Center at Loyola Chicago

Loyola's Quinlan School of Business announced the launch of the city's first and only Supply and Value Chain Center.

The center, to be located at Loyola's Water Tower Campus (820 N. Michigan Avenue), will provide a centralized venue for academics and industry leaders alike looking to network, share their insights, and produce cutting-edge research with immediate, practical implications for the discipline of supply and value chain management.

"We see this as a niche for our school," says Dean Kathleen A. Getz. "No other educational institute in the area specializes in supply and value chain research, education, and practice. We hope to be a resource for other academic leaders as well as our growing list of professional partners."

Source: Maciek Nowak, TSL Member and Director, Master of Science in Supply Chain Management Program



Quinlan School of Business Dean Kathy Getz announces the new Supply and Value Chain Center at Loyola University Chicago

Elected to TSL Board:

Vice President/President-Elect - M. Grazia Speranza, University of Brescia

Secretary/Treasurer - Ann Campbell, University of Iowa

CALL FOR PAPERS

**Focused Issue of *Transportation Science* on
Facility Logistics****Submission Deadline: April 30, 2013**

Facilities are the nodes in transportation networks where incoming and returning flows are received, consolidated, buffered or stored, regrouped, and further distributed. Transportation in the network is planned and organized from within these facilities, and transport vehicles are loaded and unloaded. Based on their function and position in the supply chain, we can distinguish crossdocks, transshipment terminals, warehouses and distribution centers, container terminals, bulk terminals, and so on.

Significant developments are taking place in the area of Facility Logistics. Many new systems have seen higher degrees of automation, and advanced control can be noticed in many facility types, including container terminals. The advent of such new systems leads to challenges in design, planning, and control. The organizations operating these facilities aim to achieve the highest levels of efficiency, profitability, and competitiveness, while reducing their environmental footprint, contributing to safe and ergonomic labor circumstances, and generally creating a motivating work climate for their workers.

Recently, several conferences have been organized around Facility Logistics, employing operations research tools to address these issues, such as the International Material Handling Research Colloquium, June 2012, in Aix-en-Provence or LOGMS, August 2012, Bremen, focusing on Container terminal operations, or the track at the Informs conference in Phoenix, 2012.

The focused issue on ***Facility Logistics*** intends to reflect these trends, efforts, and results. The aim is to present original, cutting-edge contributions – methodological and theoretical developments, as well as innovative and insight-provoking applications – that address a wide variety of issues in the design, modeling, planning, and management of facility logistics systems. Topics of interest include (but are not restricted to):

- Warehouse operations;
- Storage and sorting systems;
- Order picking processes;
- Cross-docking;
- Rail-terminal operations;
- Container terminal operations;
- Bulk terminal operations;
- Material handling systems;
- Internal replenishment processes;
- Human and behavioral factors in facility operations;
- Safety and security in facility operations

Submissions are open to all, independently of participation in above mentioned workshops. All contributions will be peer reviewed according to the usual standards of the journal.

Submission: Please submit your manuscript online via ScholarOne Manuscripts at mc.manuscriptcentral.com/transci. When choosing Manuscript Type in Step 1 of the submission procedure, enter “Special Issue – Facility Logistics”, otherwise your submission will be handled as a regular manuscript.

The instructions to authors can be found on the *Transportation Science* homepage: (<http://transci.pubs.informs.org/instructions.html>).

Guest Editors:

René de Koster, Erasmus University Rotterdam, rkoster@rsm.nl

Kevin Gue, Auburn University, guekevi@auburn.edu

Iris Vis, Rijksuniversiteit Groningen, i.f.a.vis@rug.nl



JUNE 9TH - 14TH, 2013

TRISTAN VIII

SAN PEDRO DE ATACAMA, CHILE

Eighth Triennial Symposium on TRANSPORTATION ANALYSIS

The Complex Engineering Systems Institute (ISCI) would like to invite you to submit an extended abstract to the Eighth Triennial Symposium on Transportation Analysis (TRISTAN).

Presentation

TRISTAN is an international scientific conference that provides a high quality forum for the presentation of mathematical models, methodologies and computational results, and for the exchange of ideas and scientific discussions on advanced applications and technologies in transportation.

The seven previous conferences took place in Montréal (Canada, 1991), Capri (Italy, 1994), San Juan (Puerto Rico, 1998), San Miguel (Azores Islands, 2001), Le Gosier (Guadeloupe, 2004), Phuket (Thailand, 2007) and Tromsø (Norway, 2010). The chosen location for TRISTAN VIII is San Pedro de Atacama, Chile. As in all previous meetings, we expect to gather top research scientists from universities and research institutes from all over the world along with scientific participants from private sectors, public agencies, and graduate students. This time, the discussions regarding state of the art methodological as well as practical issues will take place in the middle of the amazing landscapes of one of the recognized most beautiful places on earth, an island of civilization in the middle of the desert!

The conference will be held June 9 to 14, 2013, at the Kunza Hotel & Spa (www.hotelkunza.cl) in San Pedro de Atacama. Information about registration, airfares, accessibility, accommodation in San Pedro, etc., will be published soon on the official web site of the Conference, still under construction (www.tristan.cl).

Scope and Topics

The scope of the conference is wide and comes from different areas of interest within Transportation Science and Operations Research; among the most relevant ones, we can mention location and network design, vehicle routing, inventory routing, transit system planning, vehicle scheduling, railway transportation, marine transportation, freight planning, traffic control strategies, fleet management, crew scheduling, supply chain, real-time operations, travel demand models.

EXECUTIVE COMMITTEE

Cristián E. Cortés (Chair),
Universidad de Chile
Michel Gendreau,
*CIRRELT and MAGI,
École Polytechnique de Montréal*
Pablo A. Rey,
Universidad Diego Portales
Doris Sáez,
Universidad de Chile

INTERNATIONAL SCIENTIFIC COMMITTEE

To be announced

LOCAL ORGANIZING COMMITTEE

Andrés Weintraub, *Universidad de Chile*
Fernando Ordóñez, *Universidad de Chile*
Francisco Martínez, *Universidad de Chile*
Juan Carlos Muñoz, *P. Universidad Católica de Chile*
Ricardo Giesen, *P. Universidad Católica de Chile*
Vladimir Marianov, *P. Universidad Católica de Chile*



Structure of the Conference

As traditional in TRISTAN meetings, we plan to have a strong series of plenary presentations and parallel tracks. The structure of the conference is meant to facilitate discussion, analysis and networking among the invited speakers, attendees, and students.

IMPORTANT DATES & INFORMATION

- Extended abstract submission open: **July 2nd, 2012**
- Deadline for extended abstract submission: **September 28th, 2012**
- Notification of acceptance: **January 31st, 2013**
- Deadline for early registration: **April 16th, 2013**
- Deadline for submission of revised extended abstracts: **May 21st, 2013**
- Conference: **June 9th-14th, 2013**
- Venue: **Kunza Hotel & Spa (www.hotelkunza.cl)**

Templates for extended abstract in MS Word and LaTeX formats will be available on the web site of the conference. The intended length is 3-4 pages for the extended abstract, with 4 as a maximum. In order to be included in the final program, one of the authors must register to the conference, and do so before the early registration deadline April 16, 2013. Please note that each registered participant is allowed to present at most one paper during the conference.

About

San Pedro de Atacama



San Pedro de Atacama is located east of city of Antofagasta, some 106 km (60 mi) southeast of Calama and the Chuquibambilla copper mine, overlooking the Licancabur volcano. The quaint adobe town of San Pedro sits in an oasis on the northern edge of the world's driest desert. An important center of commerce for the Incas, and later, Spanish conquerors, it now hosts visitors from around the world attracted to its archeological and natural wonders. It features a significant archeological museum, with a large collection of relics and artifacts from the region.

Native ruins nearby now attract increasing numbers of tourists interested in learning about pre-Columbian cultures. Tourists can also enjoy other popular activities including sandboarding and stargazing, with the views of the stars from the Atacama unrivalled across the continent. Flanked by the Andes mountains, volcanoes, salt beds, desert, the zone offer multiple and astonishing spots for the tourists to visit: Moon Valley, the Tatio Geysers, Los Flamencos National Reserve, most of them are part of most of the San Pedro de Atacama Tours.

The town has easy access (through a paved road) from the city of Calama, and a variety of hotels quite close to the Conference Official Hotel, in several ranges of price.



Organizer:



Sponsor Institutions:

