



Transportation Science and Logistics Society

From the President, Patrick Jaillet

The INFORMS 2011 annual meeting in Charlotte, NC was an interesting one in general – one of a first in many recent years for which I stayed all the way from Saturday until Wednesday. Perhaps it was this sense of duty associated with being an officer of one of the most important societies within INFORMS!

In any case, I was pleased to see so many friends and colleagues at the TSL Business Meeting. The agenda was packed – but we managed to go through all items (see details in the newsletter). Highlights were of course the awards – so many deserving folks. Congratulations again to everyone.

A special thank you also goes to Mike Ball who showed everyone that a regular TSL sponsored workshop is not only feasible but an attractive option. We look forward to many more in the future.

Results of the TSL elections were also announced at the meeting, and it is comforting to see such a good group of individuals who will be part of the leadership within TSL. On that occasion, a big thank you to Maciek Nowak and Dave Lovell for their tireless and continuing participations on the TSL board.

I can now retire into past-presidency with the immense satisfaction to know that the Society will be better managed in 2012 than in 2011 with Elise Miller-Hooks as its President.

Finally, I wish each and every one of you the best of time for the holidays and a very happy new year.

Patrick

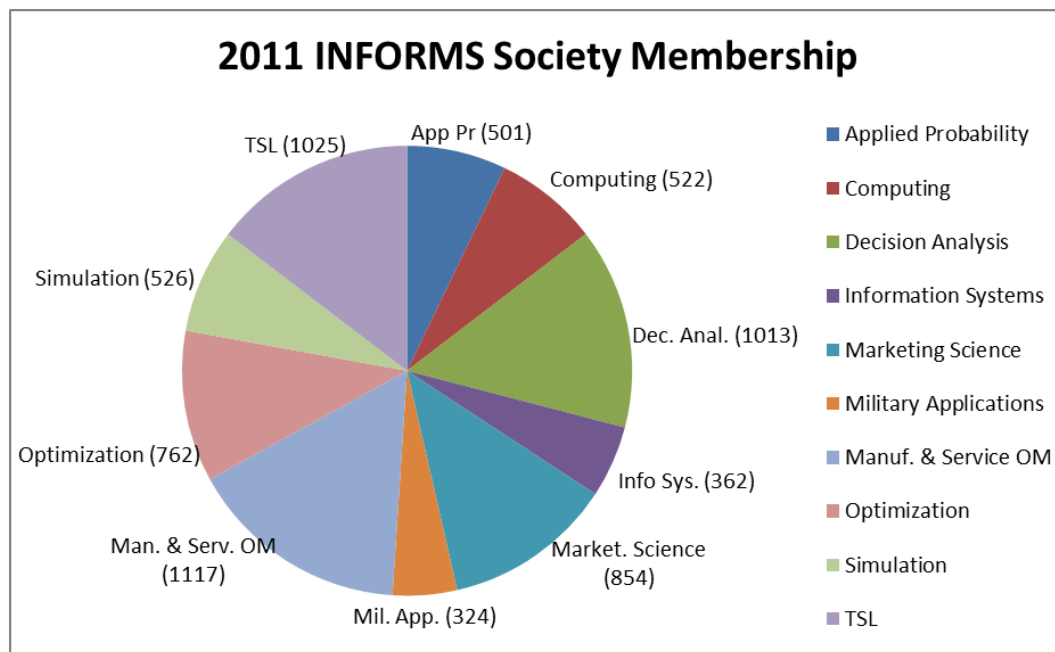
From the newsletter editor, Mike Hewitt

Welcome to the end-of-2011 newsletter of the Transportation Science and Logistics Society! In this issue we will review some of the information shared at the business meeting in Charlotte, and other exciting news involving our members. We'll also highlight some upcoming events and opportunities in 2012.

Thanks to all who contributed to this newsletter. I invite everyone to submit information on conferences, special editions of journals, employment opportunities, awards, etc., to both myself (<mailto:mrheie@rit.edu>) for inclusion in the newsletter and to the Communications Chair, Maciek Nowak (<mailto:mnowak4@luc.edu>), for inclusion in the TSL community web page. As always, any comments, suggestions or feedback regarding the look of the newsletter are welcome.

Mike Hewitt

We're #2!



And we keep growing!



INFORMS Charlotte

The INFORMS 2011 cluster in Transportation Science and Logistics was again packed with nice presentations. In total, we had 48 sessions and 195 presentations. As usual, careful planning needed to be done for accommodating every presentation in a nice session. Sometimes rooms were too small, resulting in people sitting in the corridor.

The cluster chair for the 2012 meeting in Arizona will be Yi-Chang Chiu.

Tom van Woensel

TSL Dissertation Prize

First Prize: Jessica L. Heier-Stamm for “Design and Analysis of Humanitarian and Public Health Logistics Systems,” from Georgia Tech. Her advisors were Ozlem Ergun and Julie Swann



Jessica Heier Stamm receives the award from Patrick Jaillet and Huseyin Topaloglu

Honorable Mention: Ilaria Vacca for “Container Terminal Management: Integrated Models and Large-Scale Optimization Algorithms,” from Ecole Polytechnique Federale de Lausanne. Her advisor was Michel Bierlaire.

INFORMS Charlotte**Robert Herman Lifetime Achievement Award in Transportation Science****Nathan H. Gartner - University of Massachusetts, Lowell**

Nathan Gartner receives the award
from Patrick Jaillet and Grazia Speranza



TSL 2011 Best Paper Award

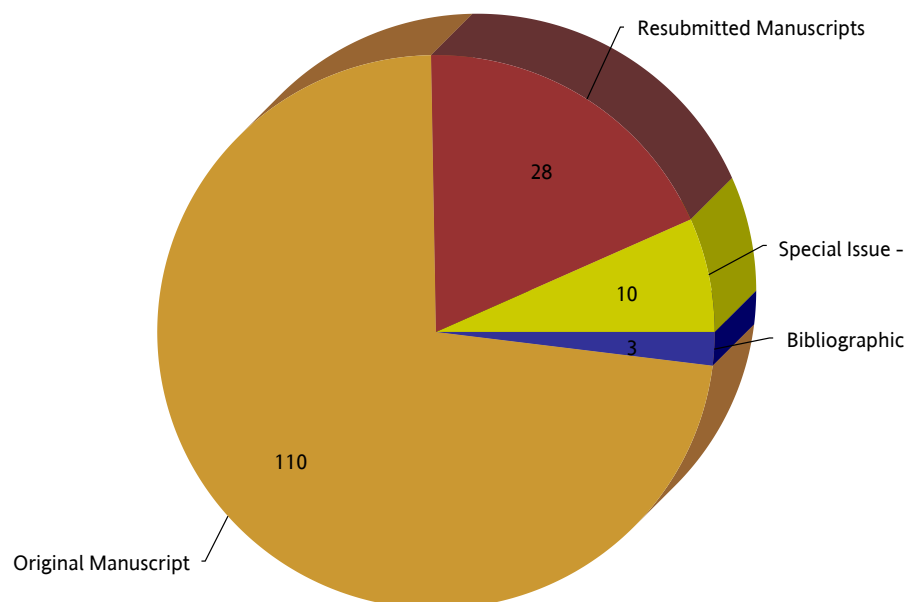
Roberto Baldacci and Aristide Mingozzi for “A Unified Exact Method for Solving Different Classes of Vehicle Routing Problems,”
Mathematical Programming, Series A, 120:347-380 (2009)



Roberto Baldacci receives the award from Patrick Jaillet and Janny Leung

Transportation Science

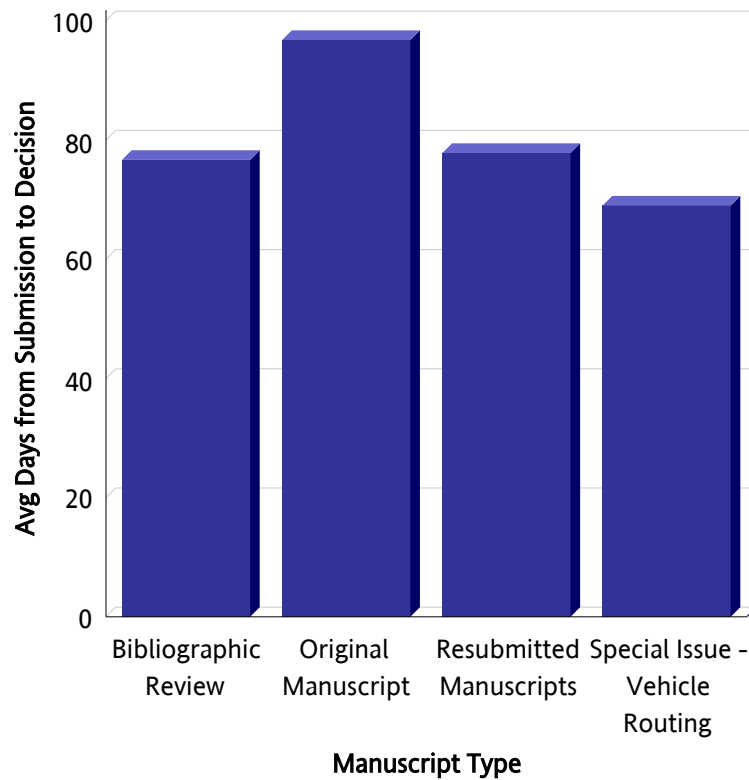
Continued Health - Number of Manuscripts by Type



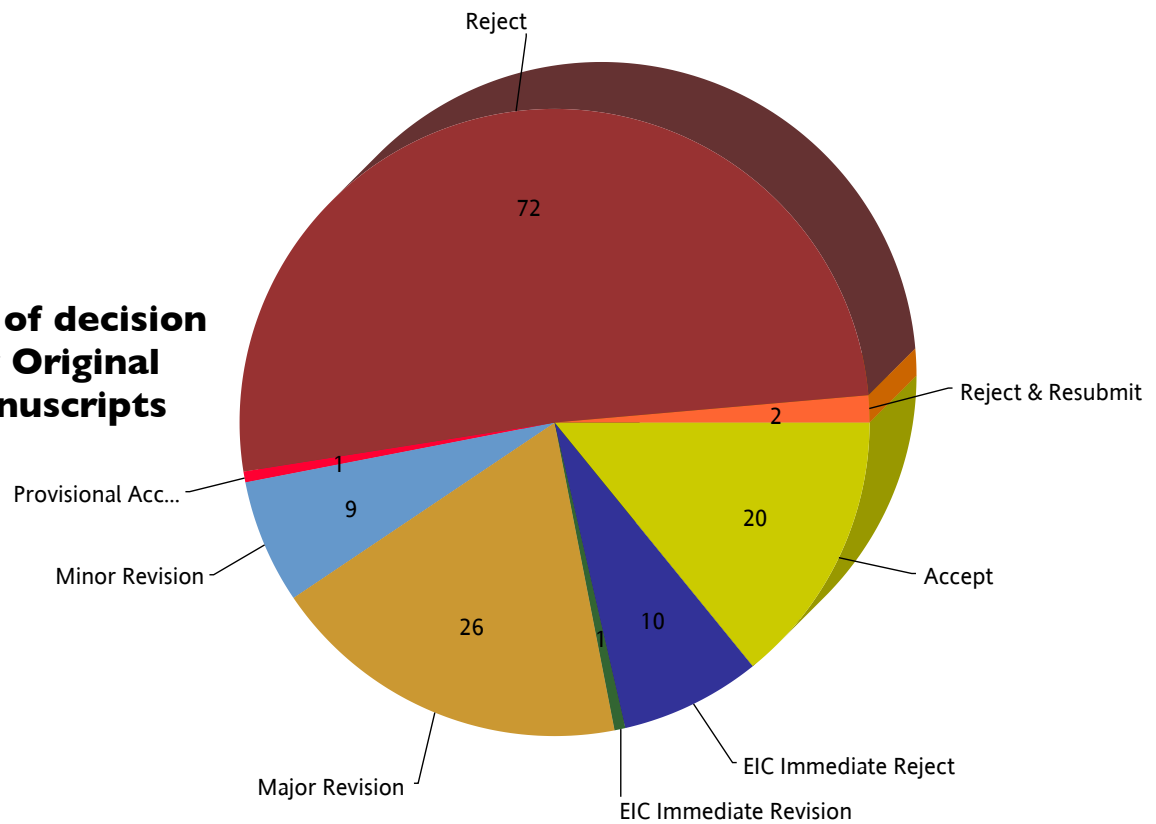
Data from Editor-in-Chief Michel Gendreau

Transportation Science

Time to decision



Type of decision for Original Manuscripts



TSL Researcher Receives “Network Innovation through Choice” grant from NSF

Anna Nagurney, the John F. Smith Professor of Operations Management at the Isenberg School of Management at UMass Amherst, and the Director of the Virtual Center for Supernetworks, and Professor Tilman Wolf of the College of Engineering, also of UMass Amherst, have received a three-year \$909,794 grant from the National Science Foundation to create a network architecture and protocols to bring greater choice throughout the Internet. The project, "Network Innovation Through Choice," is part of a \$2.732 million collaborative NSF grant with the University of Kentucky, North Carolina State University, and the Renaissance Computing Institute of Asheville, N.C.

The project began on September 15, 2011.

The press release on their project is at:

<http://www.umass.edu/newsoffice/newsreleases/articles/136807.php>

Wired magazine article features TSL member Warren Powell

A *Wired* magazine feature on the revolution in artificial intelligence included a piece on Warren Powell and his team of "algorithm geeks from Princeton University." Powell's team developed the Princeton Locomotive and Shop Management System, or PLASMA, for Norfolk Southern, using approximate dynamic programming to mimic the company's dispatch center. Well done, Warren!

The article can be found at:

http://www.wired.com/magazine/2010/12/ff_ai_essay_airevolution/

2013 TSL Annual Workshop -- Call for Proposals

The INFORMS Transportation Science and Logistics (TSL) Society requests proposals for the summer 2013 TSL Annual Workshop in Ansilomar, California.

Proposal requirements

The proposal should:

- (1) Indicate the chair and organizing committee (two or three people, at least one of whom is a member of the TSL Society), along with a commitment to attend the meeting;
- (2) Present the general area and particular topic of the planned meeting;
- (3) Make the case for the topic's merit with regard to science and practice, its timing and outreach;
- (4) Evaluate the potential audience and expected participation (ideally, provide a list of people who have actually expressed willingness to participate);
- (5) Present the contemplated organization of the meeting in terms of scientific and social activities, as well as a preliminary budget; and
- (6) Describe efforts, if any, that will be made to secure additional external sponsorship.

Proposal evaluation

Evaluation of proposed workshop themes will be carried out by a committee composed of TSL board members, SIG chairs, and international liaison officers. It will be chaired by the TSL VP/President Elect. Any officer involved in a proposal will be excused from the committee. The topic, along with the science behind it, the commitment and expertise in the topic area of the proposers, meeting organization, financial implications, and the potential audience will be considered in evaluating the proposals. The committee will select and rank the top two proposals. Final selection will be made by the TSL Board.

Deadline

Proposals must be received by May 1, 2012 for full consideration.

How to submit

Please provide all materials in a single MS Word or pdf document.

Submissions should be sent to Elise Miller-Hooks (elisemh@umd.edu/301-405-2046) or Laurie Garrow (laurie.garrow@ce.gatech.edu/404-385-6634).

EURO JOURNAL ON TRANSPORTATION AND LOGISTICS

SPECIAL ISSUE: SHARED MOBILITY SYSTEMS

GUEST EDITORS: MICHAL TZUR AND TAL RAVIV

EXTENDED Deadline to submit manuscripts – December 31, 2011

Publication date: January, 2013

An increased use of shared mobility systems such as bike sharing or car sharing is evident in recent years. These systems gain popularity as an alternative to using private cars as a sole mean of transportation since they have the advantage of reducing traffic congestion, parking space shortage, and air pollution. Shared mobility systems serve as a good complementary to mass transit transportation systems (through mode sharing). Designing, installing and operating such systems raise many interesting challenges, such as: demand forecasting, location and capacity determination of stations, pricing mechanism, scheduling maintenance, re-balancing/repositioning operations, and more.

While some of the above challenges address topics that are common to many other problems in the transportation and logistics literature, there are unique characteristics that correspond to shared mobility systems, which raise the need to develop new models and solution methods. In this special issue, we encourage contributions that address these and related questions, both from a modeling perspective, as well as from a solution methodology point of view. The latter may include the use of various tools such as optimization, applied probability, statistics, and more. While research contribution is a key condition for acceptance, practical contributions describing case studies are also welcome.

Potential authors are invited to submit by November 30, 2011 high quality contributions to the website <https://www.editorialmanager.com/ejtl>.

In order to submit a paper for a Special Issue,

1. Log on the [editorial manager](#) using the Author Login.
2. Select Submit New Manuscript in the main menu.
3. In the drop down list associated with Choose Article Type, select the desired special issue. The entries corresponding to the special issues start with SI



Fifth International Workshop on Freight Transportation and Logistics

May 21-25, 2012, Mykonos Island, Greece



Important Dates and Deadlines

Abstract:	15 / 11 / 2011
Notification:	17 / 01 / 2012
Final abstract:	14 / 02 / 2012
Early registration:	29 / 02 / 2012

TOPICS OF INTEREST

Topics of interest cover a broad spectrum and include but are not limited to:

- Vehicle Routing
- Fleet and Crew Management
- Modal/Intermodal Transportation
- Terminal Management
- Supply Chain Logistics
- Network Design and Planning
- City Logistics
- Facility Logistics
- Intelligent Transportation Systems
- Humanitarian Logistics

CONTACT DETAILS

For further information, please visit the workshop's website at

<http://odysseus2012.dmst.aueb.gr>

or contact Christos D. Tarantilis,
Chair of the Organizing Committee,
at tarantil@aub.gr

Tracing the ancient route of Odysseus...

This international scientific workshop, 5th in the series of ODYSSEUS meetings, follows the footsteps of its predecessors (Crete 2000, Sicily 2003, Altea 2006, Çeşme 2009) in bringing together researchers and practitioners of freight transportation and logistics to discuss recent experiences, exchange ideas, disseminate research results, and present advanced applications and technologies. It provides a high quality forum for recent developments, trends and advances in the theory, practice and application of mathematical models, methodologies and decision support systems in the field of freight transportation and logistics.

...in an idyllic, unforgettable setting.

Mykonos is located at the heart of the Aegean Sea and is one of the most cosmopolitan islands in the Mediterranean. It is renowned for its clear blue sea, golden beaches and vivid sunsets. Mykonos' traditional, whitewashed architecture, its signature windmills and countless churches create a unique picturesque environment. The town of Mykonos offers exceptional shopping and entertainment opportunities, features a vibrant nightlife, and is only 2 km away from ancient Delos, an island museum designated by UNESCO as a World Heritage Site. The workshop will be held at the Royal Myconian Resort (37° 25' 19", 25° 23' 35"), located on Elia Beach.