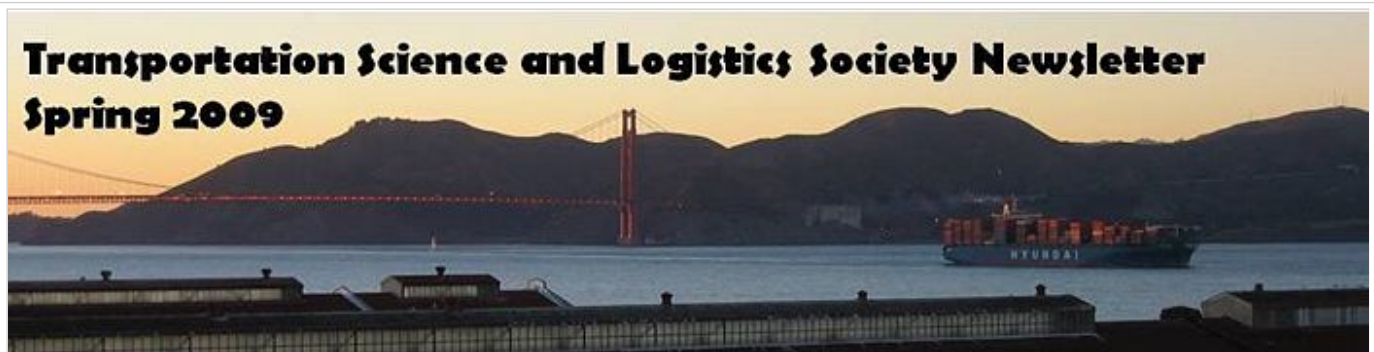


TSL newsletters/Spring 2009

From The Transportation Science & Logistics Society Wiki

< TSL newsletters



Source: Maciek Nowak

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Word from the President, Jim Moore

Time is going by too quickly, but this is not news. It always does. Yangfeng Ouyang (yfouyang@illinois.edu (mailto:yfouyang@illinois.edu)) has been doing a fine job as TSL cluster chair for the San Diego meetings, providing INFORMS with a robust collection of sessions, but this is not news either. We knew he would. Georgia Perakis reports a strong list of submissions for the 2009 TSL Dissertation Award, 16 in all. Thanks are due her and the rest of the committee (next year's chair R. Jayakrishnan, rjayakri@uci.edu (mailto:rjayakri@uci.edu); continuing member Hussein Topaloglu, ht88@cornell.edu (mailto:ht88@cornell.edu); and ad hoc members Travis Waller, stw@mail.utexas.edu (mailto:stw@mail.utexas.edu), and Nicolas Stier-Moses, stier@gsb.columbia.edu (mailto:stier@gsb.columbia.edu)) for their work to date and the work ahead. You have seen Michel Gendreau's

calls for nominations for the Robert Herman Lifetime Achievement Award. Thanks are also due him and the rest of the selection committee (next year's chair Maria Grazia Speranza, speranza@eco.unibs.it (<mailto:speranza@eco.unibs.it>) ; continuing member Patrick Jaillet, jaillet@mit.edu (<mailto:jaillet@mit.edu>) ; and ad hoc members Mark Hickman, mhickman@engr.arizona.edu (<mailto:mhickman@engr.arizona.edu>) , and Janny Leung, janny@se.cuhk.edu.hk (<mailto:janny@se.cuhk.edu.hk>)).

Congratulations are due TSL members Russell Meller (rmeller@uark.edu (<mailto:rmeller@uark.edu>)) and Kevin Gue (kevin.gue@auburn.edu (<mailto:kevin.gue@auburn.edu>)), who shared the Institute of Industrial Engineers 2009 Award for Technical Innovation in Industrial Engineering, and to Laura McLay and Sheldon Jacobson, who shared the 2009 Outstanding IIE Publication Award. Laurie Garrow (laurie.garrow@ce.gatech.edu (<mailto:laurie.garrow@ce.gatech.edu>)) was recognized by the Council of University Transportation Centers as with the 2008 CUTC New Faculty Award, and Srinivas Peeta's advisee Anuj Sharma received the CUTC Pikarsky Dissertation Award for the best science and technology dissertation in transportation studies.

The TSL Board responded affirmatively to a request from the organizers of the Seventh Triennial Symposium on Transportation Systems (TRISTAN VII) to join the European Chapter on Metaheuristics as an event sponsor. Please see the announcement below for more details. Papers that have been selected in the program can be submitted for peer review and possible publication in special issues of:

- Journal of Choice Modelling
- Transportation Research Part C: Emerging Technologies
- Transportation Science

Whether TSL sponsorship translates into official INFORMS sponsorship remains an open question for the INFORMS Meetings Committee. We will resolve the question.

TSL and Aviation Applications Section

The TSL and Aviation Applications Section leadership continue to work out the logistics of affiliation. The Air Transportation Special Interest Group mailing list air-tsl-society@list.informs.org will be retired and consolidated with and replaced by the Aviation Application Section mailing list aviation-appl-section@list.informs.org (<mailto:aviation-appl-section@list.informs.org>) . Mail to either list will be received, and both archive pages will remain accessible, with new messages to either list will be archived only at the AAS archive page. Attempted subscriptions to the Air Transport SIG list will be redirected to the consolidated Aviation Application Section list. New Aviation Application Section members automatically become TSL members, and are added to the TSL Society mailing list, transci-logistics-society@list.informs.org (<mailto:transci-logistics-society@list.informs.org>) . The Aviation Section list and Transportation Science and Logistics Society mailing list have not yet been consolidated onto the TSL mailing list, but will be.

The Aviations Applications Section is not the perfect equivalent of a Special Interest Group. The section has a dues structure and a degree of fiscal autonomy that SIGs do not. Consequently this affiliation raises some procedural questions that will likely require modification of the current TSL Bylaws. The TSL Board will focus on this, work through details, and provide a proposal to the general membership at the San Diego meeting.

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TSL Society's New Webpage

If you have not had a chance to visit the TSL Society's sleek new webpage, courtesy of INFORMS and Communications Chair Barry Thomas (barret-thomas@uiowa.edu (<mailto:barret-thomas@uiowa.edu>)), please do. Connect to it at <http://www.informs.org/site/tsl/>. Barry put considerable time and attention into integrating the content of the old site with the look and feel of the INFORMS site, and he did a fine job. Going forward, the

content management support provided by INFORMS will greatly simplify matters for us. Thanks are due Barry for his efforts, and for his careful moderation of the TSL mail list. We all know that every message we receive from the list will be timely and has content relevant to the TSL membership and our interests, and Barry's vigilance is why. Warren Powell set a high bar in this respect, and Barry consistently meets it.

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INFORMS Annual Meeting Information

Planning for the San Diego INFORMS Annual Meeting is in hand. The meeting is October 11-14. The INFORMS General Reception will be held on Tuesday, October 13, at SeaWorld Adventure Park, from 7:30 to 9:30 p.m. The Welcome Reception will be held on Sunday, October 11, from 7:30 to 9:30 p.m. This overlaps slightly with the Awards Ceremony & Dessert Reception, which will be held from 8:30 to 9:45 p.m. The TSL Board meeting is Sunday, October 11, 6:15 to 7:15 p.m. The TSL Business meeting is Monday, October 12, 6:15 to 7:15 p.m. We have emphasized to INFORMS staff the need for adequate meeting space. The bar will be adequately stocked in any event. If you have not yet registered for the San Diego meetings or booked a hotel room, please proceed. The standard room special rate at the Hilton San Diego Bayfront Hotel (619-564-3333) for meeting attendees is \$209, and will be honored for up to three days after the meeting. Refer to INFORMS when you make the reservation. The cut-off date for the INFORMS rate is September 6, subject to room availability. Do not wait. I look forward to seeing you all there.

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You could, of course, always extend your stay on the West Coast following the INFORMS meeting and head North for the CFIRE (National Center for Freight and Infrastructure Research and Education Workshop on Freight Research at University Transportation Centers on October 20 at the Hotel Maya in Long Beach, California, followed by the METRANS (National Center for Metropolitan Transportation Research) National Urban Freight Conference October 21-23 in the same venue.

Jim Moore

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INFORMS Annual Meeting Preliminary TSL Statistics

We currently have 262 talks scheduled in 68 sessions (3.85 talks per session on average), forming four 16-session tracks plus four extra sessions. These 68 sessions include the following:

- 11 sessions cross-listed with AAS (Aviation applications)
- 6 sessions cross-listed with OR/MS (Societal/Humanitarian)
- 3 sessions cross-listed with LAS (Location analysis)
- 1 session cross-listed with AAS and Revenue Mgmt
- 1 session cross-listed with RAS (Railroad applications)

Please note that while the sessions are pretty much determined at this point, the total number of talks might still change (slightly) due to possible cancellations etc. Hope this information is useful.

Yanfeng Ouyang

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Letter from the Editor, Maciek Nowak

Thanks to all for their contributions to this member driven newsletter. I invite everyone to continue submitting information on conferences, special editions of journals, employment opportunities, awards, etc. directly to the website. Make sure to check out the Job Openings that are linked directly from the main page. Also, if you have not already done so, please submit your contact information under the People section. Any comments or new submissions to the next newsletter may be sent to mnowak4@luc.edu (<mailto:mnowak4@luc.edu>) .

Maciek Nowak

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Odysseus 2009 Recap

ODYSSEUS 2009, the fourth international workshop on freight transportation and logistics was held in Izmir, Turkey on May 26 – 29. The organizing committee involved representatives from Dogus, Sabanci, Koc, Bogazici, Bilkent and Middle East Technical Universities. The workshop was well attended by 160 participants from around the globe. 43 of the attendees were graduate students. There were 138 presentations (selected out of 170 submissions) and hence this was the first workshop in the Odysseus series with three parallel tracks. The participants had the opportunity to visit the Ephesus site and Virgin Mary's home as part of the social program. At the gala dinner, it was decided that the next Odysseus will be held in Greece in 2012. The workshop co-chairs Vedat Verter and Fusun Ulengin will be co-editing a special issue of Transportation Research Part C that will contain selected papers from Odysseus 2009.

Vedat Verter

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Featured Member Anna Nagurney

Anna Nagurney was a speaker at the 2009 World Science Festival in NYC in mid June, with some very good company including both Nobel laureates and movie stars <http://worldsciencefestival.com/speakers/2009>. While this is great PR for INFORMS, it also coincides with the release of her new book *Fragile Networks: Identifying Vulnerabilities and Synergies in an Uncertain World* (found on Wiley's website).

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Joining a SIG Mailing List

We now have separate email lists for each special interest group. Anyone can join (even if you are not a member of Informs). You may also join more than one. If you have not joined a special interest group, please click on any of the links below to join:

Freight Transportation and Logistics (<http://list.informs.org/mailman/listinfo/freight-tsl-society>)

Urban Transportation (<http://list.informs.org/mailman/listinfo/urban-tsl-society>)

Facility Logistics (<http://list.informs.org/mailman/listinfo/facility-tsl-society>)

Intelligent Transportation Systems (ITS) (<http://list.informs.org/mailman/listinfo/its-tsl-society>)

Air Transportation (<http://list.informs.org/mailman/listinfo/air-tsl-society>)

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News and Announcements

TRISTAN 2010 *Call for Submissions*

The Triennial Symposium on Transportation Analysis (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.

TRISTAN VII will be held in the city of Tromsø, Norway June 20-25 2010. In three parallel sessions, the symposium will cover a broad range of topics. There will be three highly reputed plenary speakers. Selected papers from TRISTAN VII will be invited for peer review in three prestigious journals. The social program covered by the registration fee will contain a get together event, an excursion, the conference dinner, and a farewell cocktail. In addition there will be several optional events.

The meeting location Tromsø is located at almost 70 degrees North, way north of the Arctic Circle and a mere 2000 km from the North Pole. The city is called the Gateway to the Arctic. It is the largest city north of the Arctic Circle in the Nordic countries. In spite of its location, Tromsø enjoys a moderate climate. This is due to the warming effects of the North Atlantic Current, an extension of the Gulf Stream. Tromsø is an excellent basis for pre and post conference activities such as a trip to Spitsbergen, exploring the Lofoten Islands, and a journey on the Coastal Express.

The deadline for extended abstracts is October 31 2009. For more information and abstract submission, we refer to the TRISTAN VII home page at <http://www.tristan7.org>.

Geir Hasle

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MIT Summer Course - Modeling and Simulation of Transportation Networks

The following one-week course, taught by Professor Moshe Ben-Akiva and visiting lecturers, will be offered this summer at MIT.

Modeling and Simulation of Transportation Networks [1.10s]

July 27-31, 2009 | \$2,900 | 2.9 CEUs

In-depth study of the most sophisticated transportation network modeling and simulation methods including: theory and applications of origin-destination estimation and prediction; traffic flow models and alternative simulation methods; dynamic traffic assignment methods; models of user behavior; public transportation models; equilibrium methods; calibration and validation; and real time systems.

http://web.mit.edu/professional/short-programs/courses/simulation_transportation.html

One full-tuition fellowship will be awarded to an outstanding PhD student. Applications must contain a complete resume and a motivation of the relevance of the course for the applicant's research. The full-tuition fellowship will be awarded to the best applicant. Partial fellowships may be awarded to other outstanding applicants. Please contact Tina Xue at Tinaxue@mit.edu (mailto:Tinaxue@mit.edu) , with any questions. Please forward this message to others who may be interested in these courses.

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Visiting Junior Faculty Transportation Position in the USC Epstein Department Industrial and Systems Engineering

The Daniel J. Epstein Department of Industrial and Systems Engineering at the University of Southern California seeks to fill a visiting faculty position at the rank of Visiting Assistant Professor in the area of deterministic methods in operations research. This is a nine-month, no renewable position starting approximately August 15, 2009 and terminating May 15, 2010. Candidates should have a recent doctorate, a research agenda broadly related to logistics, supply chains, and transportation; and methodological depth sufficient to permit him or her to offer the following four courses:

- Linear optimization and extensions at the graduate and undergraduate level.
- Combinatoric optimization with an emphasis on network flows at the graduate level, and
- Nonlinear optimization at the graduate level.

A focus on seaports is especially relevant. The visitor is also expected to interact with and undertake scholarly collaborations with USC faculty and to pursue his or her research agenda during the period of this visit. There is no service responsibility to the University. The salary for this visiting position is \$55,000 to \$60,000, depending on the candidate's level of experience and expertise. Relocation costs will not be reimbursed.

With approximately \$170 million in research expenditures annually, the USC Viterbi School of Engineering ranks first nationally in research funding per faculty member. The School's graduate program is ranked 7th nationally, and the Epstein ISE Department is ranked 14th nationally according to US News and World Report. See <http://www.usc.edu/dept/ise>.

Mail applications, including a cover letter, curriculum vitae, a list of references, and copies of publications to:

Prof. James Moore, Chair

Daniel J. Epstein Department of Industrial and Systems Engineering

GER 240, MC 0193, University of Southern California

3715 McClintock Avenue, Rm. 240

Los Angeles, CA 90089-0193

Send the same material as email attachments to Georgia Lum (glum@usc.edu (mailto:glum@usc.edu)). Candidates may contact department chair James Moore for further information at 213-740-4885. The review process will begin immediately and continue until this position is filled.

The University of Southern California is an Affirmative Action/Equal Opportunity Employer and encourages applications from women and members of underrepresented groups.

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Newsletter Link Exchange

To encourage our Society members to engage members in other research communities, the TSL News is engaging in a series of link exchanges. This issue, we offer:

- INFORMS Computing Society (<http://computing.society.informs.org/newsletter.php>)
- The newsletter (<http://www.martrans.org/news/index.html>) of the Laboratory for Maritime Transport (LMT) of the National Technical University of Athens (NTUA). NTUA is the oldest and largest engineering university in Greece and it shows a most distinguished record of achievement, going back to its foundation in 1836. LMT holds a long-standing experience in the design, development and simulation of maritime and intermodal transport, marine environmental protection, safety analysis and human elements. Following Greece's rich maritime tradition, LMT is active in practically all areas of maritime transport R&D, having completed or being involved in projects in areas such as technology, management, economics, logistics, telematics, human aspects, environment, and safety.

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- This page was last modified 03:19, 22 July 2009.