



Transportation Science and Logistics Society

Words from Laurie Garrow....

As the Transportation Science and Logistics Society of INFORMS kicks off a new year, I want to extend a warm welcome to Vice President/President-Elect Grazia Speranza and Secretary/Treasurer Ann Campbell who joined the TSL Board last January. I also want to extend a heartfelt note of appreciation to Patrick Jaillet, Martine Labbé and Ann Campbell who are serving as chairs of our prize committees this year. More than a dozen TSL members, noted in this newsletter, are involved in selecting prize winners, and we are grateful to all for their service on these committees.

As we look ahead into 2013, there are several new initiatives that I want to draw your attention to in this newsletter. The ITS and Aviation SIGs have initiated best presentation awards for the annual meeting, which will be held in Minneapolis on October 6-9. Warren Powell is heading up a committee that will provide recommendations on a new TSL Fellows Award that is being designed to recognize outstanding research and teaching contributions for senior TSL members.

From June 16-19, TSL will also host its second annual workshop at the Asilomar Conference Grounds in Pacific Grove, California. The theme of this year's workshop is on marine transportation and port logistics. Conference Chair Kevin Furman has worked tirelessly with members of the organizing committee to put together an excellent program this year. More than 40 individuals are expected to attend the event, and a special issue in *Transportation Science* is being planned in conjunction with the workshop.

TSL Cluster Chair Nick Lownes along with SIG Chairs Yanfeng Ouyang, Yueyue Fan, Jeff Ban, Ananth Krishnamurthy, and Aviation Applications Cluster Chair Marcial Lapp are also to be commended for putting together an excellent program for the fall annual meeting in Minneapolis. Nick Lownes reports that "We currently have 65 sessions composed of over 250 presentations – many thanks to the SIG chairs and session chairs for organizing a great slate of presentations for Minneapolis."

As we look ahead into fall, I want to call your attention to several opportunities to become more involved in TSL. This fall, we will be electing six TSL officers and appointing the 2014 cluster chair. Elected positions include vice-president/president elect, communications chair, and each of the SIG vice-chair/chair-elect positions. If you are interested in running for these positions, or serving as next year's cluster chair, please contact me! Serving in these positions is a great way to become more involved in TSL.

Finally, I would like to acknowledge Newsletter Editor Mike Hewitt and Communications Chair Maciek Nowak, for their outstanding efforts in putting together this newsletter and maintaining the TSL listserves. I offer my best wishes to all for a productive 2013, and look forward to seeing many of you in Minneapolis this October.

Last Minute Reminder - Call for Applications for Robert Herman Lifetime Achievement Award

Reminder !!!!!!!!!!! Deadline **May 31, 2013**.

The Robert Herman Lifetime Achievement Award in Transportation Science is awarded at most every second year by the INFORMS Transportation Science and Logistics Society to an individual who throughout his or her professional career has made fundamental and sustained contributions to transportation science and logistics, and has influenced the field through her or his writings, teaching, service, and nurturing of younger professionals. The award is accompanied by \$750 honorarium.

Nominations must be emailed to the Committee Chair no later than **May 31, 2013**. The nomination must include a cover letter summarizing the achievements of the nominee and a copy of his/her curriculum vitae. The winner will be notified in October, and the award will be given at the INFORMS Annual Meeting during the TSL business meeting.

2013 Committee Chair

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TSL Dissertation prize

Reminder !!!!!!!!!!! Deadline **June 30, 2013**.

Nominations are invited for this years Dissertation Prize Competition sponsored by the INFORMS Society on Transportation Science & Logistics. This award is the oldest and most prestigious honor for doctoral dissertations in the transportation science and logistics area. The award is accompanied by a \$500 honorarium for the winner. In addition, the winner and the recipient of an honorable mention (if any) each receives an 8x10 plaque announcing the award.

The following criteria will be used in judging candidate dissertations.

- 1 Fundamental contribution and originality of the ideas or methods.
- 2 Practical importance or applicability in solving important real problems.
- 3 Clarity and excellence of the exposition.

Eligible doctoral dissertations are those completed and submitted between June 1, 2012 and May 31, 2013 in the general area of transportation science and logistics.

To be considered, a dissertation must be nominated by the thesis supervisor, who should submit the following items, all electronically in Adobe PDF format:

- 1 A copy of the dissertation (in PDF),
- 2 An extended abstract (3-5 pages), separate from thesis (in PDF or MS Word),
- 3 A letter of nomination from the dissertation supervisor supporting the submission and stating his/her assessment of why the thesis is worthy of the award (in PDF or MS Word), and,
- 4 A completed nomination form: [TSL Dissertation Prize Nomination Form](#)

Submissions should be sent electronically to Martine Labbé, Committee Chair, at mlabbe@ulb.ac.be. **The deadline for receipt of submissions is June 30, 2013.** The recommendations of the judges will be announced at the INFORMS Annual Meeting during the TSL business meeting

2013 Committee Chair

Martine Labbé
Computer Science Department
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E-mail: mlabbe@ulb.ac.be

2013 Other Committee Members

Satish V. Ukkusuri, Thomas Vossen, Douglas Fearing, Juan-José Salazar-González

RAS 2013 Problem Solving Competition



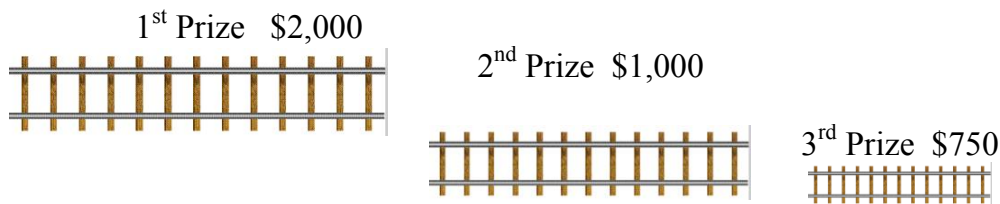
Upcoming Important Dates

- June 7 - Last date to register
- July 18 - Last date to submit a clarification question
- August 7 - Final written problem solution submitted

ANNOUNCING:

2013 Problem Solving Competition

Applying Advanced Analytics to Railroad Problems for Fun and Prizes!



Railroad Yard Operational Plan

Participants are asked to build a model which can be used to identify a plan that optimizes the operations of a railroad yard. The goal of an operations plan is to minimize the total waiting time of railcars in the yard and maximize the total number of railcar processed during a certain period. Building a classification yard operations plan is challenging as it covers many interrelated operations and decisions, such as, the sequence of inbound trains' disassembly, the sequence of outbound trains' assembly, sorting plans at the hump, block-to-train assignment plan for classification tracks, etc. Optimizing the operations plan of a classification yard is very important for a railroad company as it helps fully utilize the limited resources of its rail network.

The criteria which will be used to evaluate the solutions proposed the quality of the solution provided, the solution approach used, and the corresponding computational time.

Apart from the cash prizes, the first prize winner's contribution will also be considered for publication in *Networks*. The paper still needs to go through the journal's normal refereeing procedure; however, the paper will receive an expedited refereeing and publication process.

Visit the competition web site for complete problem details:

<http://www.informs.org/Community/RAS/Problem-Solving-Competition>

Sponsors		

TSL Best Paper Award

The TSL Best Paper Award is given once a year to an outstanding paper in the field of transportation science and logistics. The paper must have been published in a refereed journal and must present innovative approaches for solving complex problems in transportation and/or logistics, with an emphasis on operations research and quantitative methods. A paper is eligible if it is written in English and if it has been published within the three (3) years prior to the submission deadline. All topics related to the field of transportation science and logistics will be considered, including, but not being limited to:

- airline operations;
- facility logistics;
- freight;
- intelligent transportation systems;
- transit;
- urban transportation planning methods;
- vehicle routing.

To submit a paper for the 2013 competition, one of the authors must email the paper, along with a short letter (maximum 2 pages) describing the merits of the paper, to the Chair of the TSL Best Paper Award Committee, by **June 21, 2013**. (PLEASE NOTE EARLY SUBMISSION DATE THIS YEAR / NO EXTENSIONS TO DEADLINE PLANNED.)

Please use the following address for submissions:

Ann Melissa Campbell

Chair of the TSL Best Paper Award Committee

ann-campbell@uiowa.edu

The other members of the Committee are:

Markos Papageorgiou

Rajesh Ganesan

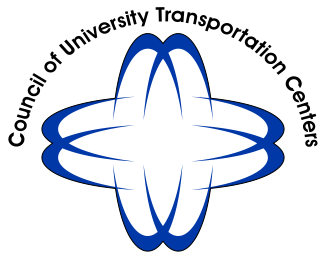
Jennifer Pazour

Jan Ehmke

From the newsletter editor, Mike Hewitt

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



NEWS

FOR IMMEDIATE RELEASE
January 16, 2013

Contacts: Alison Premo Black
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Council of University Transportation Centers Honors Nine Individuals for Advancing Transportation Research

(WASHINGTON) —Three leaders in transportation academia, five students, and one long-time industry advocate were honored January 12 by the Council of University Transportation Centers (CUTC) for their outstanding contributions to transportation research and education.

Honorees were recognized during CUTC's 16th Annual Awards Banquet in Washington, D.C., and awards were presented in these categories:

The Lifetime Achievement in Transportation Research & Education: Recognizes individuals who have contributed immensely throughout their professional lives to transportation research and education by working in government, business or non-governmental organizations.

***John Horsley**, executive director, American Association of State Highway and Transportation Officials in Washington, D.C.*

Distinguished Contribution to University Transportation and Research: Given to individuals who have had a long history of significant and outstanding contribution to university-level transportation education and research.

***Dr. Randy Machemehl**, professor of transportation engineering, University of Texas at Austin*

CUTC-ARTBA New Faculty Award: Presented to tenure-track educators in recognition of outstanding teaching and research contributions.

***Xuegang (Jeff) Ban**, assistant professor, Rensselaer Polytechnic Institute in Troy, New York*

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CUTC-ARTBA Administrative Leadership Award: Honors individuals in a staff position or non-tenure-track faculty position who has contributed outstanding administrative leadership contributions to the transportation field by non-academic appointments.

Stephen Albert, director, Western Transportation Institute - Montana State University in Bozeman, Montana

Milton Pikarsky Award: Presented to two graduate students in the transportation field for the best doctoral dissertation and M.S. thesis with an emphasis on science and technology.

Dr. Saif Eddin Jabari, University of Minnesota, Twin Cities
Mr. Tarun Rambha, University of Texas at Austin

Charlie V. Wootan Award: is given annually to two graduate students in the transportation field for the best doctoral dissertation and MS thesis with an emphasis on policy and planning.

Dr. Qiang Bai, Purdue University in West Lafayette, Indiana
Ms. Eirini Kastrouni, Institute for Transportation, Iowa State University in Ames, Iowa

Neville A. Parker Award: Recognizes the best non-thesis paper in transportation submitted for the M.S. degree in lieu of a thesis, in the areas of policy & planning.

Mr. William Dominie, University of California, Los Angeles

Established in 1979 by the major transportation research centers and institutes in the United States, CUTC provides a forum for the universities and learning centers to interact collectively with government and industry. CUTC membership represents over 90 of the nation's leading university-based transportation research and education programs. Collectively, CUTC members have advanced the state-of-the-art in all modes and disciplines of transportation. In doing so, the membership of CUTC has made significant and lasting contributions to the nation's mobility, economy, and defense.

Additional information can be found at <http://cutc.tamu.edu/>

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Council of University Transportation Centers Student Awards

Pikarsky Award for Outstanding Ph.D. Dissertation in Science and Technology

Awarded to: Dr. Saif Edding Jabari, University of Minnesota

Dissertation: "A Stochastic Model of Macroscopic Traffic Flow: Theoretical Foundations"

Wooten Award for Outstanding Ph.D. Dissertation in Policy and Planning

Awarded to: Dr. Qiang Bai, Purdue University

Dissertation: "Trade-Off Analysis in Multi-objective Optimization for Transportation Asset Management"

Advisor: Dr. Samuel Labi

Pikarsky Award for Outstanding M.S. Thesis in Science and Technology

Awarded to: Mr. Tarun Rambha, The University of Texas at Austin

Thesis: "Adaptive Routing in Schedule Based Stochastic Time-Dependent Transit Networks"

Advisor: Dr. Stephen Boyles

Wooten Award for Outstanding M.S. Thesis in Policy and Planning

Awarded to: Miss. Eirini Kastrouni, Institute for Transportation, Iowa State University

Thesis: "Equity Performance Evaluation of Two Different Pricing Options: Fuel Tax Per Gallon and VMT Fee"

Parker Award for Outstanding Non-thesis Masters Degree Paper in Policy and Planning

Awarded to: Mr. William Dominie, UCLA

Paper: "Is Just Growth Smarter Growth? The Effects of Gentrification on Transit Ridership and Driving in Los Angeles"

Advisor: Dr. Brian Taylor



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