



Welcome to AHB45 Committee on Traffic Flow Theory and Characteristics

January 14, 2014



Self-Introductions Members/Friends

Please don't forget to sign in!



Review and Approve Minutes

- January 15, 2013
- Thanks to Sue Ahn for preparing the minutes!





Membership Update

Thank You to Members Rotating Off

Michael Cassidy, Benn Coifman, Lily Elefteriadou, Serge Hoogendoorn, Elizabeth Jones, Der-Horng Lee, Daiheng Ni, Markos Papageorgiou, Hesham Rakha, Robert Sheehan and Alex Skabardonis

New Committee Members

Costas Antoniou, Vikash Gayeh, Michael Zhang, Koohong Chung, Yibing Wang, Winnie Daamen, Yanfeng Ouyang, James Sturrock

Young Members → Regular Members

Jing Dong, Samer Hamdar and Monica Menendez

New Young Members

Victor Knoop, Ethan Xuan and Meead Saberi

New Committee Secretary

Soyoung Ahn



Membership Update

New Emeritus Member

Alex Skabardonis



Congratulations and Thank You!



Chair Report

- *TRB 2014 “Transportation Research: Celebrating our Legacy, Anticipating our Future”.*
 - Always possible to update paper reviewer pool (476 members)
 - State DOT and MPO involvement
 - Desire to produce some products in next 2 years
 - Nontraditional partner – Sebastien Blandin, IBM
-



Breakthroughs (see survey...)

- What are the top research breakthroughs in our domain in the past 20 years?
 - Availability of data (e.g. NGSIM)
 - Cell Transmission Model
 - Development of improved multi-lane and multi-class models, car following, understanding of capacity drop, management of uncertainty, macroscopic fundamental diagram
 - Vision for research advancements in the next 10 years?
 - Integration of all modes
 - Better static and dynamic models at different scales exploiting pervasive data; integrated with safety, network control, emissions, vehicle technology and behavior
 - Ideas for commemorating Celebrating our Legacy, Anticipating our Future at the TRB Annual Meeting in January?
 - Workshop
 - Special Podium Session
-



Former Leadership

- Predecessor committees
 - Committee on Traffic Flow Theory (1963-1970) TO-9
 - Daniel L. Gerlough, Planning Research Corp. (1963)
 - Donald E. Cleveland, University of Virginia (1964-1967)
 - Committee on Characteristics of Traffic Flow (1963-1970) TO-12
 - Harold L. Michael, Purdue University (1963-1964)
 - Joseph C. Oppenlander, University of Vermont (1964-1968)
 - Donald C. Capelle, Alan M. Voorhees and Associates, Inc. (05/01/1968-01/31/1970)
 - Committee on Speed Characteristics (1939-1963) TO-13A
 - Burton W. Marsh, AAA (01/01/1939-12/31/1954)
 - Harold L. Michael, Purdue University (01/01/1955-01/31/1963)
- Committee on Traffic Flow Theory and Characteristics (1971-present) AHB45
 - Donald G. Capelle, Alan M. Voorhees and Associates, Inc. (02/01/1971 - 01/31/1974)
 - Kenneth W. Crowley, The Pennsylvania State University (02/01/1974 - 01/31/1980)
 - John J. Haynes, University of Texas at Arlington (02/01/1980 - 01/31/1986)
 - Carroll J. Messer, Texas A&M University (02/01/1986 - 01/31/1992)
 - Hani S. Mahmassani, University of Texas at Austin (02/01/1992 - 01/31/2000)
 - Nathan H. Gartner, University of Massachusetts Lowell (02/01/2000 - 04/14/2009)
 - Robert L. Bertini, Portland State University (04/15/09 - 04/14/2015)



Former Leadership

D.L. Gerlough
1963



Donald Cleveland
1964-1967



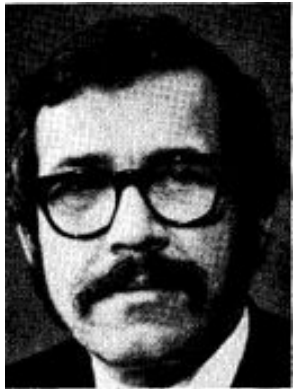
Harold Michael
1963-1964



Joseph Oppenlander
1964-1968



Donald Capelle
1968-1974



Kenneth Crowley
1974-1980



John Haynes
1980-1986



Carroll Messer
1986-1992



Hani Mahmassani
1992-2000



Nathan Gartner
2000-2009



Previous Contributors

- 1964 Monograph: D.L. Gerlough and D.G. Capelle, Editors
 - L.A. Pipes
 - M.J. Lighthill and G.B. Whitham
 - E.W. Montroll and R.B. Potts
 - D.E. Cleveland and D.G. Capelle
 - D.L. Gerlough
 - R.S. Foote
 - Oversight: Cleveland, Foote, Gerlough, Robinson, Galliher, Montrol, Newell and Rothery
 - 1975 Monograph: D.L. Gerlough and M.J. Huber
 - Advisory Committee: R.S. Foote, A.D. May, R.W. Rothery, K.B. Johns, W.W. Wolman, D.G. Capelle
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Previous Contributors

- 2001 Monograph
 - Gartner, Messer, Rathi
 - Hall
 - Koppa
 - Rothery
 - Kuhne, Michalopolous, Zhang
 - Williams
 - Ardekani, Hauer, Jamei
 - Troutbeck, Brilon
 - Roupail, Tarko, Li
 - Lieberman, Rathi
 - Nelson
-



TRB Report

Paper Submissions	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Total Number			2662	3070	2647	3384	3694	3875	4226	4771	5200
Total Presented			1688 (59%)	1849 (60%)	1759 (62%)	1882 (56%)	2190 (59%)	2322 (60%)	2550 (60%)	2765 (58%)	2912 (57%)
Papers - Lectern			688 (53%)	935 (51%)	867 (49%)	900 (48%)	921 (43%)	912 (39%)	979 (38%)	1048 (38%)	976 (34%)
Papers - Poster			728 (43%)	752 (41%)	861 (49%)	952 (51%)	1232 (56%)	1352 (58%)	1515 (59%)	1655 (60%)	1872 (64%)
Papers - Meeting			21 (1%)	34 (2%)	31 (2%)	28 (2%)	20 (1%)	44 (1.9%)	40 (2%)	49 (2%)	73 (2%)
Other Papers			2 (0.1%)	5 (0.2%)	0	2 (0.1%)	17 (0.8%)	14 (0.6%)	16 (1%)	13	--
Invited Presentations							1750	2050	1990	2143	2200
Total Speakers							3100	3300	4700	5100	>5100
Total Agencies/Orgs							1700	7	2350	2500	2560
Sessions, Workshops, and Meetings											
Lectern Sessions	408	470	469	455	452	481	382	418	448	480	450
Poster Sessions	46	65	88	134	112	132	134	145	182	180	195
Workshops	62	62	73	79	86	89	99	110	108	110	135
Committee Meetings				425	442	424	444	503	530	550	525
Other Meetings							500+	500+	500+	500+	500+
Total Meetings							>1500	>1500	>1500	>1500	>1500



TRB Report

2014 Annual Meeting Highlights

- As of last week, almost 10,000 pre-registrations were received (about the same as last year when we set an attendance record of 11,700+ total attendees).
 - The technical program consists of 450 lectern sessions, 195 poster sessions, 135 workshops and more than 500 committee meetings
 - More than 35 sessions on "Transportation Research: Celebrating our Legacy. Anticipating our Future" - the spotlight theme for the meeting
 - Committees also developed sessions on the following "hot topics" drawn from the recently published "TRB Critical Issues in Transportation":
 - Extreme weather events (16 sessions);
 - Big data (26 sessions);
 - Performance management (20 sessions); and
 - Automated/connected vehicles (16 sessions)
-



TRB Report

Get the Most Up-to-date Annual Meeting Information

- Mobile App for iOS and Android mobile devices – resident App, no internet required to operate. Updated with most current information as of January 8th
 - Complete Annual Meeting schedule of events, program participants, floor plans, exhibitors, and more.
 - Searching the entire TRB Annual Meeting program is simple. Use filter options to view by Day/Time, Event Type, Subject Area, Committee, Program Participant, Exhibitor, or take advantage of the full text search.
 - See “What is Happening Now” at any time.
 - Find where you are going with the Interactive Floor Plans of the hotels and Exhibit Hall. Links in Sessions, Meetings, and Exhibitor listings pinpoint their locations.
 - Create a “My TRB” personalized program to sort through and select from the many concurrent activities to customize content important to you.
 - Add a non-TRB event to your “My TRB” (New this year)
 - Export an event to your mobile device Calendar (New this year)
 - Take notes in the App during a Session or Meeting to have for your use later or export by email from “My TRB” to share with colleagues.
 - Create custom Tags, such as “useful for new research project, download presentation” and attach them to Sessions, Meetings, Presentations, Program Participants, and Exhibits.
 - Share content that you find important or note-worthy with others—simply export to email.
 - Go green! The state-of-the-art TRB Mobile App allows us all to reduce our reliance upon the printed Final Program – thus saving trees!
- You could also use the TRB web-based Interactive Program to assist you in deciding which events to attend during the Annual Meeting. Search events by subject area, day, session or paper title, keywords, program participant name, committee, event type, and other features.
- PDFs of the Final Program and Program Participants List are also available online for downloading



TRB Report

TRB Annual Meeting Compendium of Papers Continues Online

- Continuing in 2014, the TRB Annual Meeting Online offers web-access to ALL information collected from the 2011, 2012, 2013, and soon, 2014 Annual Meetings.
- TRB Online is FREE to TRB Annual Meeting registrants, TRB Sponsors, and Annual Meeting Patrons; for others, there is a modest fee to access the following information:
 - Compendium of Papers: Viewing and downloadable access to more than 9,000 papers presented at the various Annual Meetings.
 - Visual Aid Presentations: A visual collection of more than 8,000 slide and poster presentations (2011, 2012, 2013, and 2014 available early March).
- During 2013 TRBOnline had >130,000 visits, >88,000 unique visitors, >625,000 page-views; from over 180 countries. The largest single day >2,300 visitors
- Access to the online Compendium of Papers will soon be available for download at no charge to registered attendees.
- Over 5,200 written papers were submitted (~700 Operations related)
 - More than 20,000 reviews were completed by October 1
 - >2900 papers have been approved for presentation (57%)
 - 978 papers in podium sessions (34%)
 - 1872 papers in poster sessions (64%) (80% for Operations)
 - 73 papers in committee meetings or other event (2%)
 - ~2200 invited presentations or panel discussions
 - >5100 Speakers from >2500 agencies/organizations



TRB Report

TRB Annual Meeting Moves to DC Convention Center in 2015

The 94th TRB Annual Meeting will be held January 11-15, 2015 at the DC Convention Center and Marriott Marquis Hotel.

How does the Annual Meeting benefit by the move?

- We do not have to further break the Annual Meeting into separate parts
 - We can better take advantage of today's communications technologies
 - We can meet under one roof
 - We can group event locations by major interest areas
 - Areas for networking will be provided
 - Hotel costs will be kept at the federal government per diem
 - Access to the Metro eliminates the need for shuttle buses
 - We will have internet access throughout the venues
 - There will be more food outlets
 - There will be easier navigation for disabled/older attendees
-



TRB Report

TRB Webinar Series

- Presented 63 TRB webinars in 2013 to disseminate results of research by TRB and other organizations
 - With the continuing travel restrictions being imposed by state DOTs and other organizations TRB continues to focus on alternative methods for getting information to those who cannot attend our conferences, workshops, meetings, etc.
 - TRB has just created the position of Distance Learning Program Coordinator who will provide a full-time focus on this effort
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TRR Update

- ISI Impact Factor = 0.441 for 2012
- TRR ranks 25 out of 30 Transportation Science and Technology journals
- See other measures
- 643 articles published in 2012 (next two journals 393 and 164)
- High half lives
- We are posting lists of our committee TRR published papers

YEAR	TRR IMPACT FACTOR
2012	.441
2011	.471
2010	.482
2009	.298
2008	.259
2007	.206
2006*	---
2005	.145
2004	.072
2003	.093

*No impact factor was computed for 2006.

MEASURE	TRR RANK IN 2012
Citation Impact Factor	25th
Total Cites	1st
# of Articles	1st
Cited Half-Life	5th
Eigenfactor Score*	2nd



U.S. DOT/FHWA Report



Subcommittees

1. Joint Subcommittee on Traffic Simulation Models List
2. Research Problem Statements Hadi
3. Paper Review Bertini
4. Greenshields Prize & AWARDS Gartner/Leclercq
5. Mid-Year Meetings Bertini
6. Outreach and Diversity/PEPSub Hamdar/Dong/van Lint
7. Strategic Planning Bertini/Ahn
8. Classic/Historic Papers Ahn/Laval/Geroliminis/Gayah/Xuan
9. Special Report on Traffic Flow Theory Mahmassani
10. **NEW**: Crowd Flow Dynamics, Modeling, and Management Sarvi/Hoogendoorn



SimSub

SimSub Website:

<http://sites.google.com/site/trbcommitteeahb45/>

To join, send email to:

TRBCommitteeAHB45@gmail.com

Within few days you will get an invitation to join "Friends of SimSub" which is a Google group through which we post announcements and distribute emails about SimSub activities.

2014 Sunday Simulation Workshop: *Simulation:
Looking Back and Looking Ahead*



SimSub

- Sunday Workshop
 - 2014 → TR Circular
 - 2015 Topic?
 - Newsletters
 - Task Groups and Chairs
 - 2014 SimSub Webinars
 - Miranda Wells (HDR) needs topics – we are ready to go otherwise!
 - miranda.wells@hdrinc.com
-



Research Problem Statements

1. Driver behavior in response to advanced strategies (both existing and emerging)
 2. Collection of NGSIM-Type databases
 3. TFT/Simulation Models that deal with variations in driver behaviors under different congestion levels/ congestion types/instability in flows and develop models that produce vehicle trajectories that better reflect driver behaviors under different conditions (e.g., for emission/safety modeling)
 4. Simulation Manual
 5. Dealing with connected and autonomous vehicles
-



Paper Review & Sessions

Thanks to subcommittee
members authors and reviewers!



Special Calls for Papers

- 50 Years of Traffic Flow Theory: Achievements and Challenges
 - Prof. Ludovic Leclercq (University of Lyon, IFSTTAR / ENTPE)
 - Dr. Femke van Wageningen-Kessels (Delft University of Technology)
 - Prof. Hani Mahmassani (Northwestern University)
 - Prof. Nathan Gartner (University of Massachusetts)
- Crowd Dynamics: Empirical Analyses, Modeling, Simulation and Management
 - New subcommittee
 - Prof. Majid Sarvi (Monash University)
 - Joint with ANB80T - Emergency Evacuation
- Urban Traffic Modeling and Management Using the Macroscopic Fundamental Diagram
 - Prof. Nikolas Geroliminis, EPFL, Switzerland
 - Prof. Vikash Gayah, PennState, USA
 - Prof. Victor Knoop, TU Delft, Netherlands



Paper Review & Sessions

Lectern Sessions: We have five lectern sessions this year:

1. **219** [Crowd Dynamics: Empirical Analyses, Modeling, Simulation and Management](#) Monday 8:00-9:45 AM Marriott Salon 3 (best papers from our special call)
2. **534** [50 Years of Traffic Flow Theory: Achievements and Challenges](#) Tuesday 10:15 AM-12:00 PM Marriott T. Marshall West: This will be a very special Spotlight Session to celebrate our committee's 50th birthday! Join us for birthday cake!
3. **711** [Urban Traffic Modeling and Management Using the Macroscopic Fundamental Diagram](#) Tuesday 7:30-9:30 PM Marriott Delaware A (best papers from special call)
4. **735** [Macroscopic Approaches to Traffic Flow](#) Wednesday 8:00-9:45 AM Marriott T. Marshall West
5. **783** [Microscopic Approaches to Traffic Flow](#) Wednesday 10:25 AM-12:00 PM Marriott T. Marshall West

Poster Sessions: Five poster sessions:

1. **365** [Crowd Dynamics: Empirical Analyses, Modeling, Simulation and Management](#) (response to special call for papers) Monday 2:00-3:45 PM Marriott Salon 2
2. **512** [50 Years of Traffic Flow Theory: Achievements and Challenges](#) (response to special call for papers) Tuesday 8:30-10:15 AM Marriott Salon 2
3. **514** [Advances in Traffic Flow Theory and Characteristics Part 1](#), Tues 8:30-10:15 AM Marriott Salon 2
4. **517** [Urban Traffic Modeling and Management Using the Macroscopic Fundamental Diagram](#) (response to special call for papers) Tuesday 8:30-10:15 AM Marriott Salon 2
5. **841** [Advances in Traffic Flow Theory and Characteristics Part 2](#), Wed 2:45-4:30 PM Marriott Salon 2



Workshops

Sunday Workshops: this year we are sponsoring or co-sponsoring three Sunday Workshops:

1. **Workshop 103** [Crowd Flow Dynamics, Modeling and Management](#) Sunday 9:00 AM-12:00 PM Marriott Washington B5. Help kick off our new subcommittee and research agenda with an engaging session.
2. **Workshop 172** [Simulation: Looking Back and Looking Ahead](#): Sunday 1:30-4:30 PM Marriott Washington B5. Join us for the annual SimSub workshop and get there early since there will be a big crowd. This year's spotlight workshop will focus on "Celebrating our Legacy, Anticipating our Future."
3. **Workshop 177:** [What Are Transportation Operations and Why Should I Care?](#) Sunday 1:30-4:30 PM Marriott Washington B4. This workshop cosponsored with the Young Members Council will focus on engaging new and young members to the transportation operations field.



Miscellaneous

- Unofficial LaTeX template (from Femke and Eric):
<https://www.writelatex.com/docs?template=trb>
-



Greenshields Prize 2013

13-4853

A Comparison of Data-Fitted First Order Traffic Models and Their Second Order Generalizations Via Trajectory and Sensor Data

Benjamin Seibold and Shimao Fan

This paper proposes a cross-comparison of first and second order traffic flow models and assesses their capabilities to accurately reproduce experimental observations on freeways. This paper addresses a very relevant question in the traffic flow theory community because such kind of models are often separately studied and validated. The advantages and drawbacks of first order versus second order models have been debated for a long time within the traffic flow community and this paper provides an elegant contribution to a better definition of the domain of relevance of both approaches. This paper should then contribute to improve the knowledge on best practices when dynamic traffic simulation is needed.



The Traffic Flow Theory and Characteristics Committee peer-reviewed this paper, which was awarded the 2013 Greenshields Prize by the committee, honoring the contributions of Bruce Greenshields to the field of traffic flow theory.



Greenshields Prize 2014

- Papers/presentations being reviewed this week
- Announcement at mid-year meeting in Portland





Cunard Award for 2013

2013 Best 1st Young Author Paper in the area of Operations:
**Inhomogeneous Flow Patterns in Undersaturated Road
Networks and Implications for Macroscopic Fundamental
Diagram**

Jean C. Doig Godier

University of California, Berkeley

Co-authors:

Vikash V. Gayah

Pennsylvania State University

Michael J. Cassidy

University of California, Berkeley





TRB Wide Awards

D. Grant Mickle Award

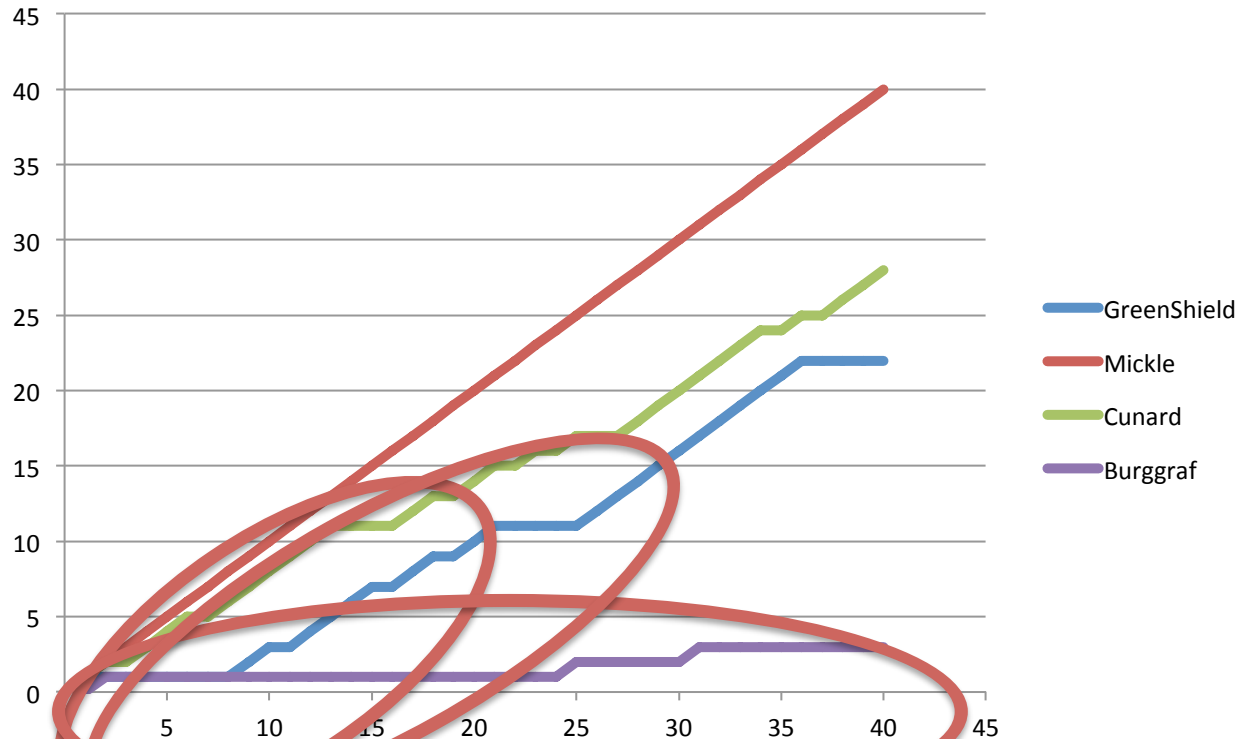
- Established 1976
- Outstanding paper published in the field of operation, safety, and maintenance of transportation facilities.
- Honors fifth executive director, later 33rd Executive Committee Chair

Fred Burggraf Award

- Established 1966
 - Stimulate and encourage young researchers
 - Recognition of excellence in transportation research by researchers 35 years of age or younger whose papers have been published under the sponsorship of any Division A Standing Group
 - Accompanied by a cash prize
 - Honors TRB director from 1951-1964
-



Eligibility of Papers for Awards (2014)



← Best Paper ID Sorted by Publication Ranking

Many 'young' first authors submit excellent papers

Few papers are eligible for Burggraf award

Data requirement for Greenshields prize is restrictive

Room for a second TFTC award ?



Proposal for New TFTC Award

Greenshields Prize Criteria

- Novelty / Originality
- Experimental Evidence
- Quality of the Writing
- Practical Applications
- Presentation and Publication

Proposed Prize for Theoretical Papers

- Novelty / Originality
- Quality of the Writing
- Potential Applications
- Theoretical Foundations
- Presentation and Publication

Another option is to dedicate a new prize to young authors



Mid-Year Meetings

- 2007 ISTTT London (in pub)
- 2008 Greenshields Symposium, Woods Hole
- 2009 ISTTT Hong Kong (lunch table)
- 2010 Does Traffic Data Support Traffic Models? Annecy, France
- 2011 ISTTT Berkeley (one hour w/SimSub)
- 2012 Joint Summer Meeting with HCQS Committee, June 19-22, Fort Lauderdale, Florida
- 2013 ISTTT, July 17-19, Noordwijk, the Netherlands
- 2014 Portland, Oregon, USA, Symposium Celebrating 50 Years of Traffic Flow Theory
- 2015 ISTTT Kobe
- 2016 TBA – International? Discussion
- 2017 ISTTT Chicago





Summer 2014 Portland





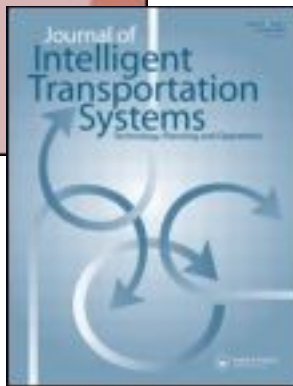
Summer 2014 Portland



- Call for papers is out
- Website is up:
www.tft.pdx.edu/tft50
- Important Dates:
 - **March 1, 2014**
Extended Abstracts Due
 - April 15, 2014 Authors
Notified of Paper
Decisions
 - July 25, 2014 Papers Due
for Conference
Proceedings



Special Journal Issues



Best papers will be published in:

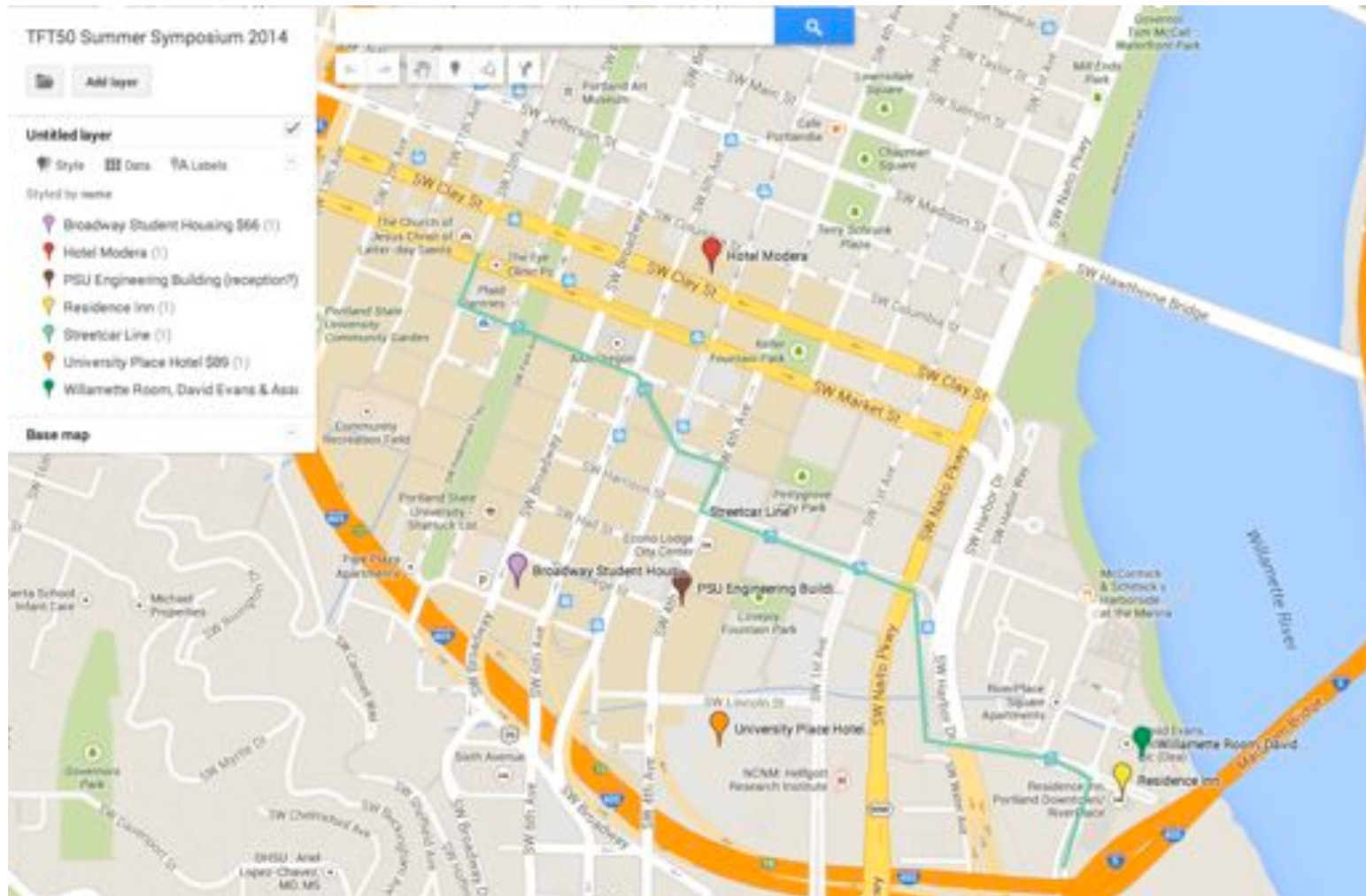
- Transportmetrica B
- Journal of Intelligent Transportation Systems

All presented papers will appear in a special TR Circular

Special thanks to the journal editors for their support!



Venue





Mid-Year Meeting 2014 Portland

Symposium Organizing Committee:

Robert Bertini, Portland State University, Chair

Ludovic Leclercq, Université de Lyon, IFSTTAR / ENTPE

Nikolas Geroliminis, École Polytechnique Fédérale de Lausanne

Haizhong Wang, Oregon State University

Victor Knoop, Delft University of Technology

Vikash Gayah, The Pennsylvania State University

Yanfeng Ouyang, University of Illinois at Urbana-Champaign

Soyoung Ahn, University of Wisconsin

Ronghui Liu, University of Leeds

Tegan Enloe, DKS Associates



Symposium Vision

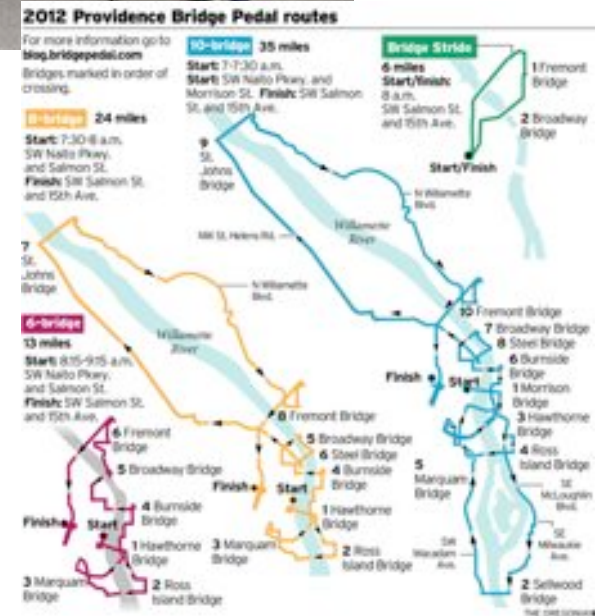
Theme: Celebrating 50 Years of Traffic Flow Theory

Sunday 10 Aug	Monday 11 Aug	Tuesday 12 Aug	Wednesday 13 Aug	Thursday 14 Aug
Bridge Pedal (optional)	Opening Session/Invited Presentations	Technical Session	Committee Meeting Closing Session/Panel Discussion	Possible Workshop
	Lunch	Lunch	Lunch	
	Technical Session	Technical Session	Workshop (FHWA or Simulation Roundtable)	
Welcome Reception	Optional Activities	Symposium Dinner		



Possible “Fun” Activities

- Bridge Pedal Sunday August 10, 2014
 - Need to register
 - 10-, 8-, and 6-bridge options
- 4T Trail (Train, Trail, Tram and Trolley)
- Bike Tour
- Food and Beer Tour
- Architecture Tour
- Excursion to Multnomah Falls and Mt. Hood
- Microbrewery Tour
- Wine Country Tour
- [International Rose Test Garden](#)
- Portland Art Museum Exhibition on The Art of the Louvre’s Tuileries Garden





Support the Symposium

- Platinum (\$2,500) Gold (\$1,500) Silver (\$1,000) Bronze (\$750)
- Benefits of your support will include: organization's name listed as a Patron in conference program; distribution of company literature in the registration area; moderator acknowledgement at the opening and closing sessions; displays at various conference functions indicating the level of your contribution; and complimentary registration for one member of your organization.
- Symposium patrons who have committed so far include:
 - David Evans and Associates (Platinum)
 - Aimsun/TSS (Bronze)
- Symposium Sponsored By:
 - Transportation Research Board
 - Portland State University
 - Oregon Transportation Research and Education Consortium
 - Oregon State University
 - Oregon Modeling Steering Committee
 - ITE Oregon Simulation Roundtable



See you in Portland!





2016 Summer Meeting Discussion



Plan for 2016 AHB45 Mid-year Meeting in Beijing

Collaborative Opportunity
between AHB45 and COTA

Heng Wei, Ph.D., P.E., President of COTA
Associate Professor, The University of Cincinnati



海外华人交通协会
CHINESE OVERSEAS
TRANSPORTATION
ASSOCIATION

A registered non-profit professional organization, formerly NACOTA, established in 1996. Its members and friends come from all over the world.

Mission:

To promote networking and better involvements of overseas professionals in China and other countries in transportation development.



Major Summer Event of COTA: CICTP

- COTA International Conference of Transportation Professionals (CICTP): The largest and influential professional transportation conference in China, and a platform to achieve COTA's mission
- CICTP was initialized in 2001 (formerly, ICCTP – International Conference of Chinese Transportation Professionals)
 - 2014: Changsha, Hunan (Central South University)
 - 2013: Shenzhen, Guangdong (Tsinghua Graduate School in Shenzhen and Shenzhen University)
 - 2012: Beijing (Beihang University & Research Institute of Highway, China Ministry of Transport)
 - 2011: Nanjing, Jiangsu (Southeast University)
 - 2010: Beijing (Beijing University of Technology)
 - 2009: Harbin, Heilongjiang (Harbin Institute of Technology)
 - 2008: Chengdu, Sichuan (Southwest University)
 - Other cities prior: Shanghai (Tongji University), Dalian (Dalian University of Technology), Xian (Chang'an University), Wuhan (Wuhan University of Technology), etc.



COTA Summer Conference: CICTP2012/ CICTP2013

- CICTP2012/13 Programs include:
 - Technical paper lectern and poster sessions
 - Keynote Speech Session (by internationally prestigious scholars and experts)
 - TRB Standing Committee Chairs Forum
 - COTA-ASCE T&DI Forum
 - COTA-World Bank China Transportation Development Forum
 - Governmental Forum
 - (China Transportation College) Deans Forum
 - Chinese Yong Scholars Forum
 - COTA Workshop on Research and Education
 - Technical Exhibition
 - Special issue of ITS will be created from excellent papers of the CICTP2012/2013 Proceedings.
 - Technical tours and sightseeing of historical and interesting spots



Internationally Invited VIP Speakers



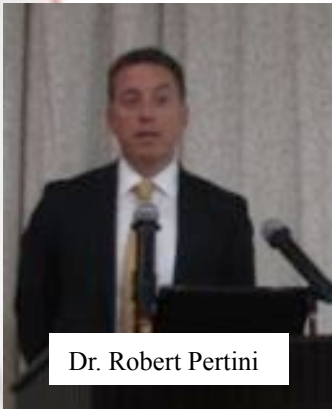
Prpf. Michael Walton



Prof. Kumares C. Sinha



Prof. Chris Hendrickson



Dr. Robert Pertini



Dr. Markos
Papageorgiou



Dr. James Moore



Dr. Michael Zhang



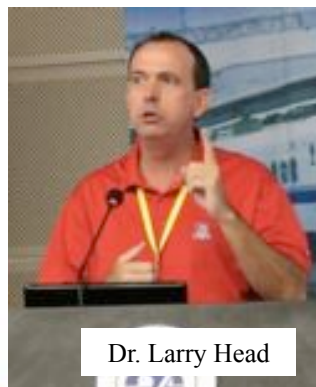
Dr. Srinivas Peeta



Dr. Asad Khattak



Dr. David Noyce



Dr. Larry Head



Dr. Christoph Stiller



Dr. Matthew G. Karlaftis



CICTP2013 in Shenzhen, China

第十三届 COTA 国际交通科技年会
COTA International Conference of Transportation Professionals, CICTP2013
13th-16th August 2013, SHENZHEN, CHINA



Proposed City for 2016 AHB45 Midyear Meeting

Beijing, China

- ❑ **Benefits in coordination with the CICTP 2016:**
 - **Mutual Promotion** – attract more paper submissions and interesting audience (in particular of China) for both meetings to be held together or at close times.
 - **Broader Impact** – more potentials will be exposed to international scholars/experts who are interested in exploring international collaboration with Chinese colleagues and institutes.
 - **Support Efficiency** – Leveraging supports of meeting venue facility and logistic, as well as technical tours from the CICTP host.
 - **Other Assistancess** – COTA and local hosts can provide assistances to meet needs of logistic and sightseeing tours from international participants.



Possible CICTP2016 Host, Sponsors and Supporters



❑ Beijing Jiaotong University – Intended Host

- In 1981, BJTU confer master and doctoral degrees authorized by the central government. BJTU enroll overseas students.
- BJTU has 22 research institutes and centers and 38 laboratories in a variety of academic fields (including two best and largest labs in China: Traffic and Transportation Simulation Laboratory and Transportation Automation Laboratory)

❑ Possible sponsors or supporters:

- China Ministry of Transportation:
- China Transportation and Highway Society
- China Natural Science Foundation
- China Transportation (Communication) News



Other Considerations

- ❑ Chinese authors are mostly interested in SCI publications. It would be more attractive to authors if the opportunity will be available to consider publishing top selected papers in special issues of top SCI journals.
- ❑ COTA will go through “bid for hosting CICTP 2016” procedure among Chinese universities or research institutes by the end of 2014.
- ❑ Alternative:
 - Beijing University of Technology (with excellent conference hotel on campus) would be willing to host the AHB45 midyear meeting in case the above proposed plan cannot be archived for some reasons of the CICTP 2016 host is granted to
 - In addition, it may be coordinated with the time of WCTR that will be held in Shanghai (hosted by Tongji University).

Highly Appreciate Your Support!



Traffic Flow Theory and Characteristics Committee (AHB45)

2016 Summer Meeting - August 2016
Proposal for
Gold Coast, Queensland Australia

Surfers Paradise Gold Coast



Why Australia

Best timing:

This is a convenient time for colleagues coming from northern hemisphere. In August, most of the participants (especially those coming from US, Europe and Asia) could combine the event with their summer vacation.



Location:

It is proposed to hold the symposium at Surfers Paradise, Gold Coast, in Queensland. This is an attractive and well known holiday resort in Australia.



Why Australia

Some of the attractions:

- Sea World
- Movie World
- Wet and Wild
- Dreamworld



Why Australia

Access:

The Gold Coast region is serviced by the Gold Coast International Airport, with frequent domestic services from Melbourne, Sydney, Adelaide, and International services from New Zealand, Japan and Asia. Brisbane's International Airport also provides smooth links with the United States and Europe.





Outreach and Diversity

- The AHB45 newsletter is well established and being further developed
- Common activities with the American Society of Civil Engineers (ASCE) are being discussed (e.g. conferences and workshops).
- The subcommittee is trying to attract members from industry (Google, Volkswagen America and TomTom) to participate in our activities and possibly join our committee.
- The PEPSub subcommittee will be integrated into the Outreach and Diversity subcommittee (special thanks to Professor Hans van Lint).
- The subcommittee is continuously using social media (Google, Facebook) to communicate with members and friends (special thanks to Dr. Meead Saberi from the Webinars Subcommittee).
- Thanks to Jing Dong, Vikash Gayah, Meead Saberi, Ethan Xuan, Stephen Mattingly, and Monica Menendez



Newsletters

Transportation Research Board
Traffic Flow Theory and Characteristics
Committee—AHB 45

Newsletter

Volume 2, Issue 1, January 2014

EVENTS/ANNOUNCEMENTS

2014

AHB45 Events at the 2014 TRB Annual Meeting – Second Announcement

The Traffic Flow Theory and Characteristics Committee (AHB45) is sponsoring four workshops (workshops [103](#), [106](#), [122](#) and [177](#)) and ten sessions (sessions [219](#), [365](#), [512](#), [514](#), [517](#), [534](#), [711](#), [735](#), [783](#) and [841](#)) during the Transportation Research Board (TRB) 93rd Annual Meeting (January 12-16, 2013 – Washington, DC). The [committee meeting](#) will be held on Tuesday January the 14th, 2014, between 1:30 pm and 5:30 pm. The details on these events may be found through the link below and will be re-announced in the January 2014 Newsletter. All are invited to attend and participate in the corresponding activities/discussions.

[More Details](#)

An efficient Pedestrian Flow Control Strategy at Transit Stations

Professor [Juan Carlos Munoz](#) from the [Centre of Sustainable Urban Development](#) at the Pontificia Universidad Católica de Chile proposed a cost effective solution for one of the most crowded Metro platforms in Santiago de Chile. A simple gate in the platform acting as a valve allowing passengers to cross only in one direction transformed a chaotic situation into an orderly flow. The impact is significant: the frequency on the line has grown by 15%, while travel times have been reduced by 5%. Passenger experience has been improved dramatically. The video provided by Professor Munoz allows comparing the “before” and “after” situations and illustrates how much you can achieve by simple observation, correct analysis and a proper intervention.

[More Details](#)

Newsletter Spotlight


2014 TRB Annual Meeting Workshops and Events

ISTS and IWTC 2014, Corsica, France


Positions at the George Washington University, University of Florida, Smartreck and Technion Institute of Technology

Happy New Year!

Professor Herman's Collection



Transportation Research Board
93rd Annual Meeting
January 12-16, 2014 • Washington, D.C.



Before the Gate After the Gate

- Launched July 2013
- 5 issues in 2013
- See January 2014 issue
- Archived at:
www.tft.pdx.edu/news.php
- Contact Prof. Samer Hamdar (hamdar@gwu.edu)
- What do you want to see?
- Volunteers?
- Ideas/Suggestions/Input welcome!



Friends Google Group

Join Our Committee Friends List!

Click here: https://groups.google.com/d/forum/tft_friends?hl=en

Our committee relies on an active and important group of friends who participate in our meetings and webinars, serve as paper reviewers and volunteers on projects including mid-year meetings, cooperation with other committees and other special products and projects. Our Friends list currently consists of about 650 members worldwide.

We are moving our email list from tft_friends@lists.cdx.edu to a Google group tft_friends@googlegroups.com. You will soon receive a notification email on being added to the new tft_friends group. The previous email list will no longer be active. To modify your membership settings, you can visit: https://groups.google.com/d/forum/tft_friends?hl=en

Click Here to Find Committee Friends
(Google Doc)

- To join the group visit https://groups.google.com/d/forum/tft_friends?hl=en
- To post to this group, send email to tft_friends@googlegroups.com
- To unsubscribe from this group, send email to tft_friends+unsubscribe@googlegroups.com
- For more options, visit https://groups.google.com/d/forum/tft_friends?hl=en



Committee Communications

- TFT Facebook Page: 421 “Likes” (up from 304 last year)
- www.facebook.com/AHB45

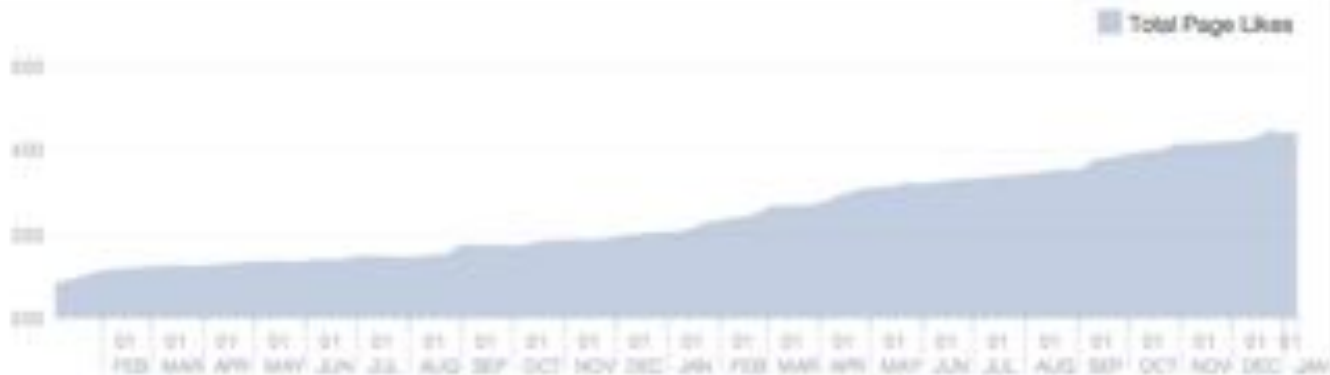




Facebook Update



Total Page Likes as of Today: 421



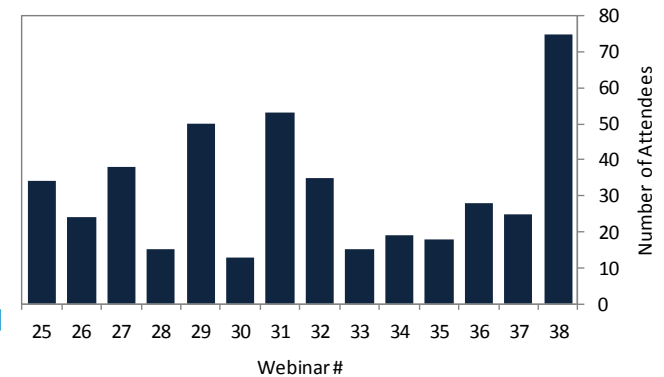
BENCHMARK
 Compare your average performance over time.

Total Page Likes



Webinars

- 38 webinars total since 2010
- 11 webinars in 2013
- Presenters from the U.S., Ireland, Netherlands, and Greece. (in 2013)
- Average number of attendees = 30
- Special thanks to Jorge Laval and Meead Saberi





Webinars

- List of 35 Archived Webinars since 2010:
<https://docs.google.com/spreadsheet/ccc?key=0AuX5B7unfMSEdDJQUTI1VGtxZ3IUREMyX0tRQlkzOVE&usp=sharing>
- Webinar Google Calendar:
<https://www.google.com/calendar/embed?src=fjpilf4qddonoo8r94isp3qsr4%40group.calendar.google.com&ctz=America/Chicago>
- Vision for 2014
 - One webinar per month
 - Greenshields Prize
 - Highly cited author
 - ISTTT
 - TRB
 - Looking for volunteer to cover webinar subscription \$~100



Website

- News Items and RSS Feed
<http://www.tft.pdx.edu/news.php>
- Anyone can contribute items
- Revised 2001 Monograph
- 1964 and 1975 Monographs
- Greenshields Symposium 2008 *TR Circular*
- Greenshields Prize page
- Historic Papers
- Meeting Materials



AHB45
Committee on Traffic Flow Theory & Characteristics
Transportation Research Board
National Academy of Sciences

- HOME
- MEMBERS
- PREVIOUS
- MEETINGS
- DOCUMENTS
- LINKS
- CONTACT
- NEWS

[Subscribe to our RSS feed](#)

TRB Annual Meeting Activities: AHB45 Committee on Traffic Flow Theory and Characteristics - January 2011

Workshop 108
Simulation Modeling and Analysis of Effect of Operational Improvements on Greenhouse Gas Emissions: Integrating U.S. EPA MOVES Model and Other Power-Based Emission Models with Simulation Models
Sunday, January 23, 8:00am-5:00pm

Committee Meeting
Tuesday, January 25, 1:30-4:30 PM Marriott Hotel Washington DC

SimSub Meeting
Monday, January 24, 7:30-9:30 PM Marriott Wilson B & C

Podium Session 801: Traffic Estimation and Control Methods
Monday, January 24, 3:00-4:30 PM Marriott, Thorpe Hall Marriott East

Podium Session 801: Microscopic Models of Car Following and Lane Changing
Tuesday, January 25, 7:30-8:30 PM Marriott, Thorpe Hall Marriott East

Podium Session 108: Driver Behavior and Traffic Simulation
Wednesday, January 26, 2:30-4:05 PM Marriott, Thorpe Hall Marriott East

Podium Session 103: Microscopic Properties of Traffic Flow
Wednesday, January 26, 4:30-6:05 PM Marriott, Thorpe Hall Marriott East

Poster Session 803: Research in Traffic Flow Theory and Characteristics Part 1
Tuesday, January 25, 7:30-9:30 PM Marriott Salon 2

Poster Session 803: Research in Traffic Flow Theory and Characteristics Part 2
Wednesday, January 26, 9:30 AM-12 Noon Marriott Salon 2

Also please encourage your students to attend this exciting interactive session on creating the future of transportation (students only): **U.S. DOT Senior Level Dialogue With Transportation Students**
Tuesday, January 25, 5:30-6:30 PM Marriott Hotel Washington DC



TRB 2011 Workshop on Active Transportation and Demand Management - January 2011

The purpose of this workshop is to introduce Active Transportation and Demand Management (ATDM) and identify and discuss priority research areas. The workshop will explain the FHWA ATDM program, review major hurdles encountered by different ATDM departments, and discuss the evolutionary path of ATDM to stimulate discussion and identification of potential research needs. The workshop will be held on Sunday, January 23, 2011, 9:00 AM to noon at the Marriott Hotel.



Inputs Requested for Annual SimSub Newsletter - December 2010

In preparation for the upcoming TRB meeting, InSub is preparing the (annual) SimSub newsletter. Please visit the InSub website: <http://www.insub.org/portal/submitnewsletters/index.cfm> to see copies of previous newsletters. Task Group leaders have been asked to send descriptions of their group's activities to the subcommittee. In addition, it is please helpful to have articles that describe how simulation models are being used to plan, design, and operate traffic networks. Please use time to send the subcommittee material that you think might be relevant. The goal is to send out the newsletter electronically on Jan. 14. Thanks for your interest in and support for SimSub.



PEPSub



Strategic Planning 2015-2018

- Bertini and Ahn and ?
 - Need to draft Triennial Strategic Plan later in 2014
 - Highlights
 - Primary Activities
 - Committee Membership and Management
 - SimSub
 - Traffic Flow Characteristics
 - Research Problem Statements
 - Communications and Outreach
 - Think “products”
 - Engage non-traditional partners/participants who can't travel
-

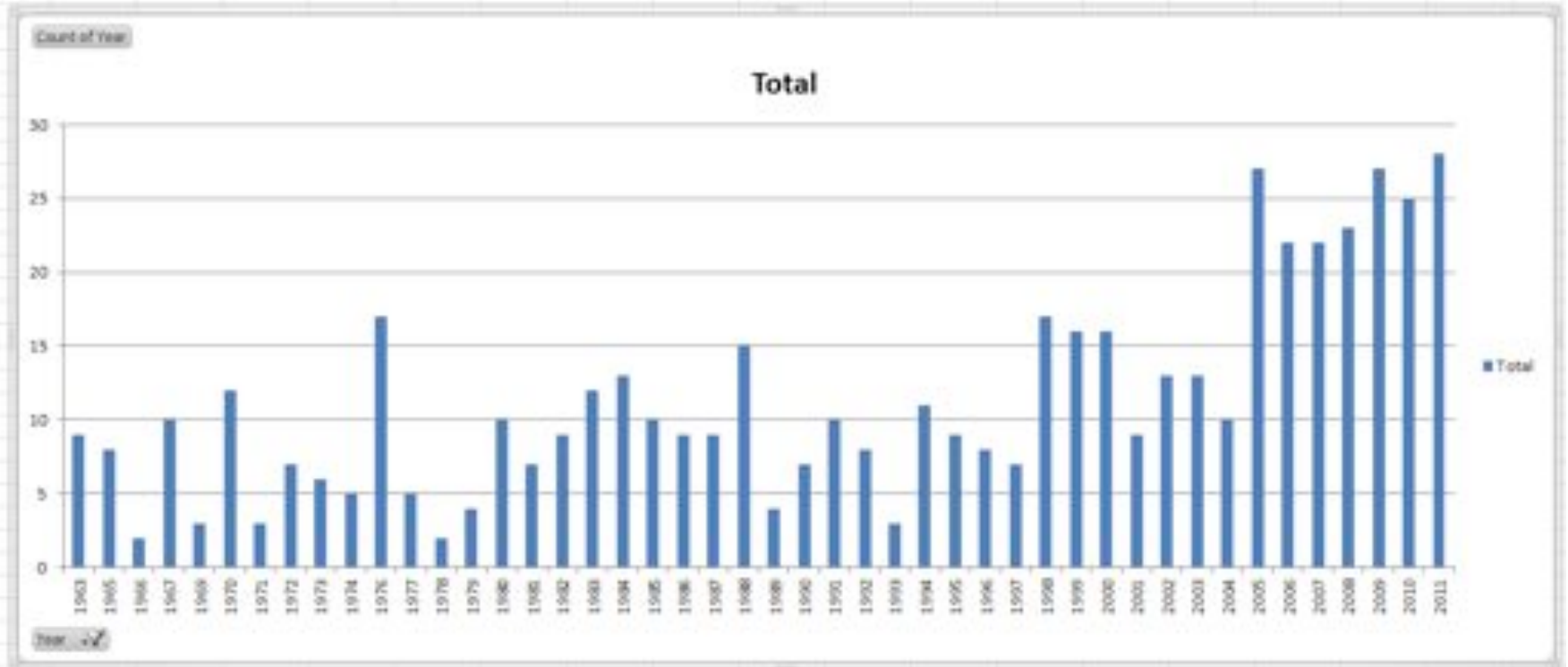


TFT Historic Papers

- 520 papers and 60 issues of HRR/TRR since 1963
 - Some topics now covered by newer committees
 - Predecessor committees:
 - Committee on Traffic Flow Theory (1963-1970)
 - Committee on Characteristics of Traffic Flow (1965-1970)
 - Committee on Speed Characteristics (1963-1965)
 - Lists available via website on Google Docs
 - Comments – have any papers influenced research and practice?
 - Are any papers highly cited?
 - Literature review or annotated bibliography?
-



TRR Timeline





TRR Google Scholar



TRR by TFTC Committee

TRB

traffic flow theory and characteristics

No verified email

Citation indices

	All	Since 2009
Citations	10981	5179
h-index	52	32
i10-index	270	164

Citations to my articles



This is the number of citations to all publications. The second column has the "recent" version of this metric which is the number of new citations in the last 5 years to all publications. [hide](#)

520 Papers in 60 Issues



TRR Google Scholar Top Ten

ALINEA: A local feedback control law for on-ramp metering M Papageorgiou, H Hadj-Salem, JM Blosseville Transportation Research Record	417	1991
Simulation laboratory for evaluating dynamic traffic management systems Q Yang, HN Koutsopoulos, ME Ben-Akiva Transportation Research Record: Journal of the Transportation Research Board ...	258	2000
Flow processes at a freeway bottleneck JH Banks Transportation Research Record	189	1990
MAXBAND: A program for setting signals on arteries and triangular networks JDC Little, MD Kelson, NH Gartner Transportation Research Record	163	1981
Cellular automata microsimulation of bidirectional pedestrian flows VJ Blue, JL Adler Transportation Research Record: Journal of the Transportation Research Board ...	157	1999
Effect of adverse weather conditions on speed-flow-occupancy relationships AT Ibrahim, FL Hall Transportation Research Record	155	1994
Emergent fundamental pedestrian flows from cellular automata microsimulation VJ Blue, JL Adler Transportation Research Record: Journal of the Transportation Research Board ...	138	1998
General lane-changing model MOBIL for car-following models A Kesting, M Treiber, D Helbing Transportation Research Record: Journal of the Transportation Research Board ...	137	2007
Non-integer car-following models AD May, EM Hamut Highway Research Record	126	1967
Signal timing determination using genetic algorithms MD Foy, RF Benekohal, DE Goldberg Transportation Research Record	121	1992



ISTTT Google Scholar



International Symposium of Transportation and Traffic Theory

Unknown affiliation

Transportation and Traffic Theory

Verified email at engr.psu.edu

Citation indices

	All	Since 2009
Citations	12059	4371
h-index	52	29
i10-index	275	129

Citations to my articles



645 Papers

Thanks to Vikash Gayah

Updates on Citation

Ethan Xuan

Vikash V. Gayah

Mark Brackstone

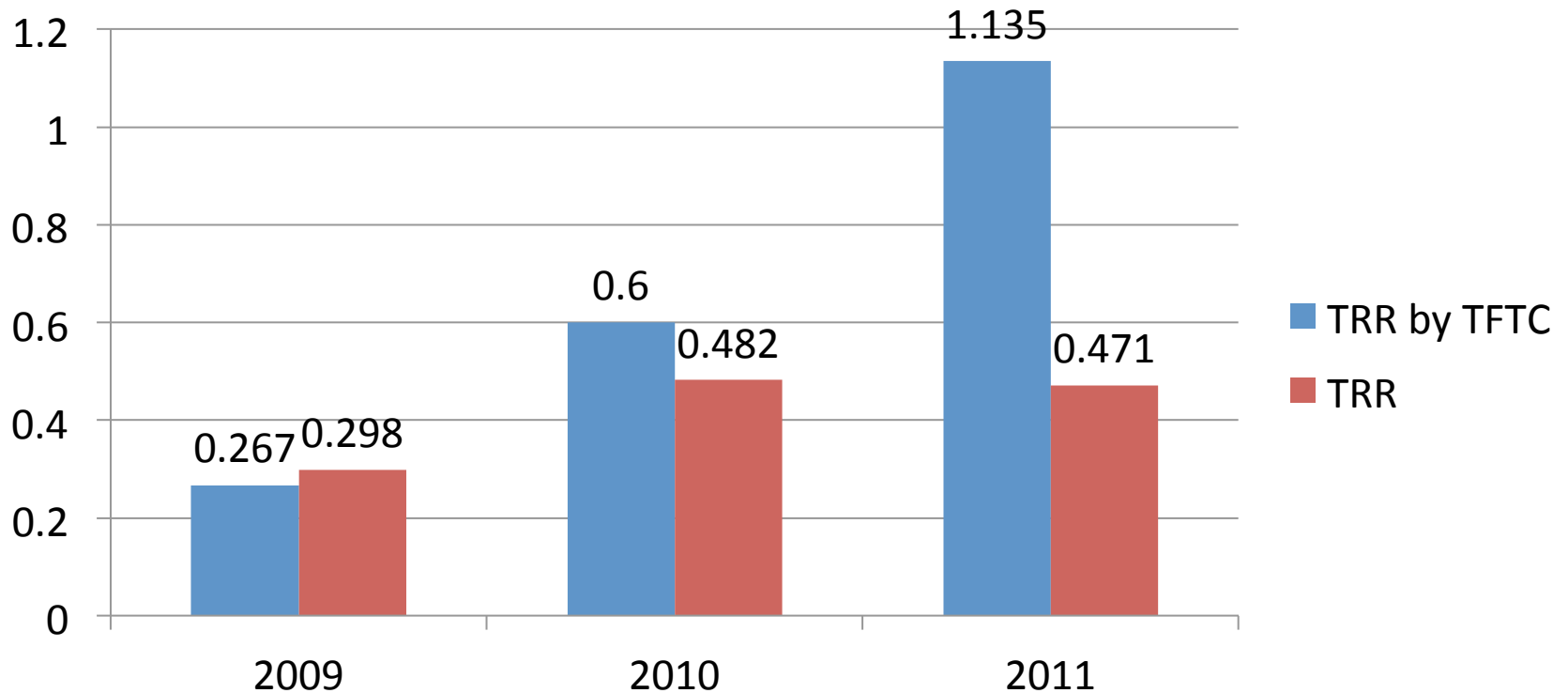
Costas Antoniou

Google Scholar pages

- TRR papers sponsored by TFTC
<http://scholar.google.com/citations?hl=en&user=Lf548q0AAAAJ>
 - 520 papers / 60 issues
 - 11K citations, h-index: 52, i10-index: 271
- ISTTT papers
<http://scholar.google.com/citations?user=nWTW9U0AAAAJ>
 - 645 papers / 20 symposia
 - 12K citations, h-index: 52, i10-index: 275

Impact Factor

- TRR papers sponsored by TFTC

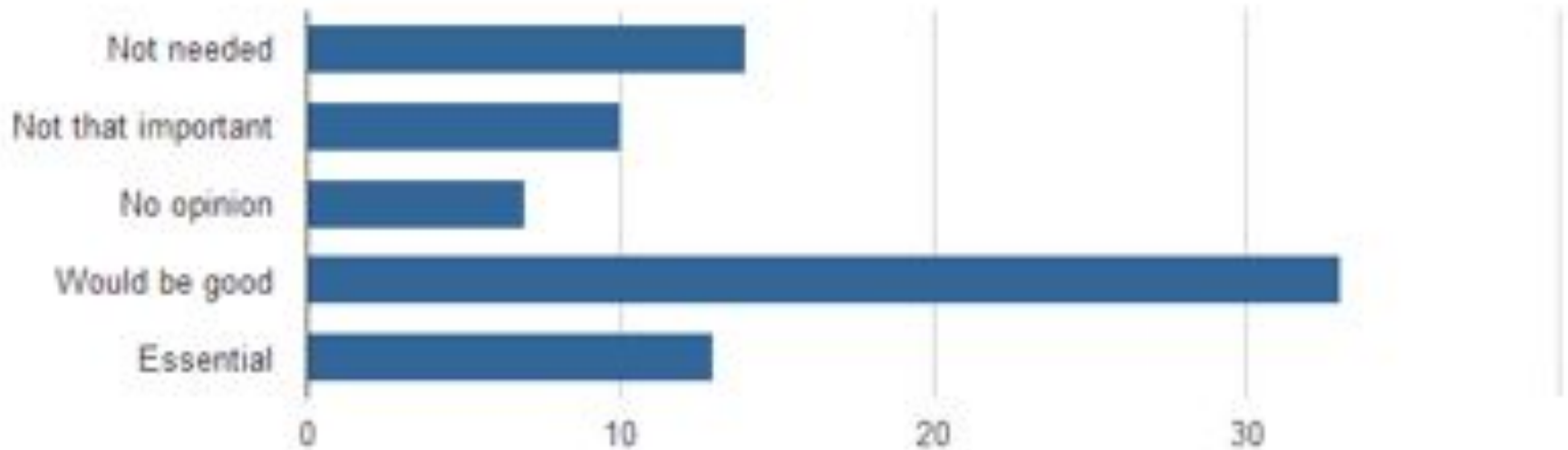


Survey

- Background
 - Part of internal discussions on the possibilities to correctly represent and/or increase the impact of work by TFTC
- Purpose
 - Gauge the opinions inside TFTC
- Response
 - 77 responses with 20 comments

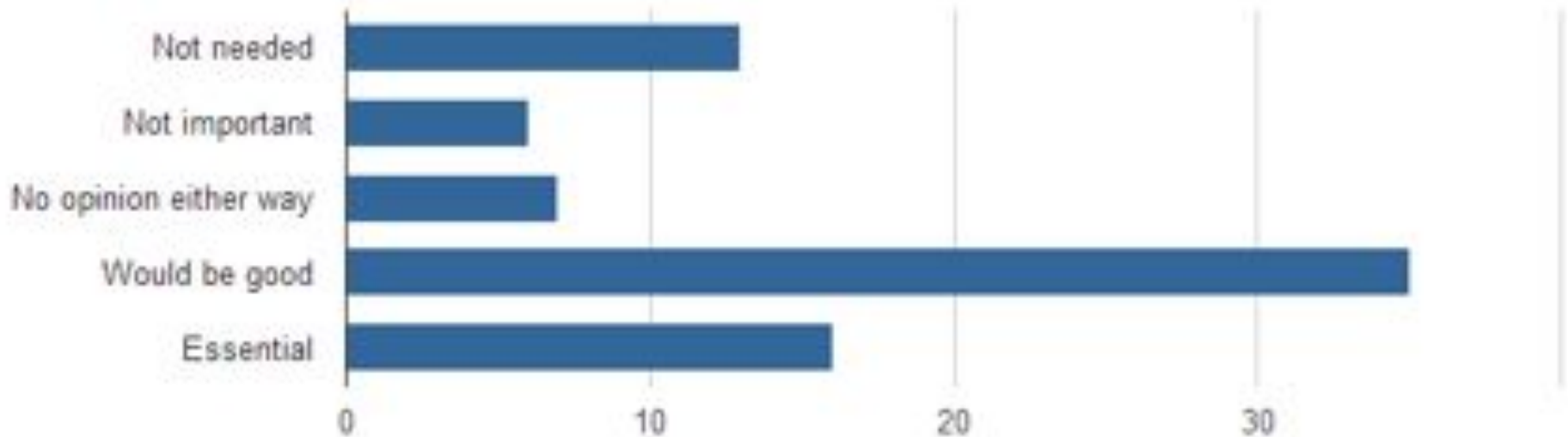
Survey

- Should TRB provide publication copyright (i.e. ISBN) to TRB compendium of papers (accepted for presentation)?



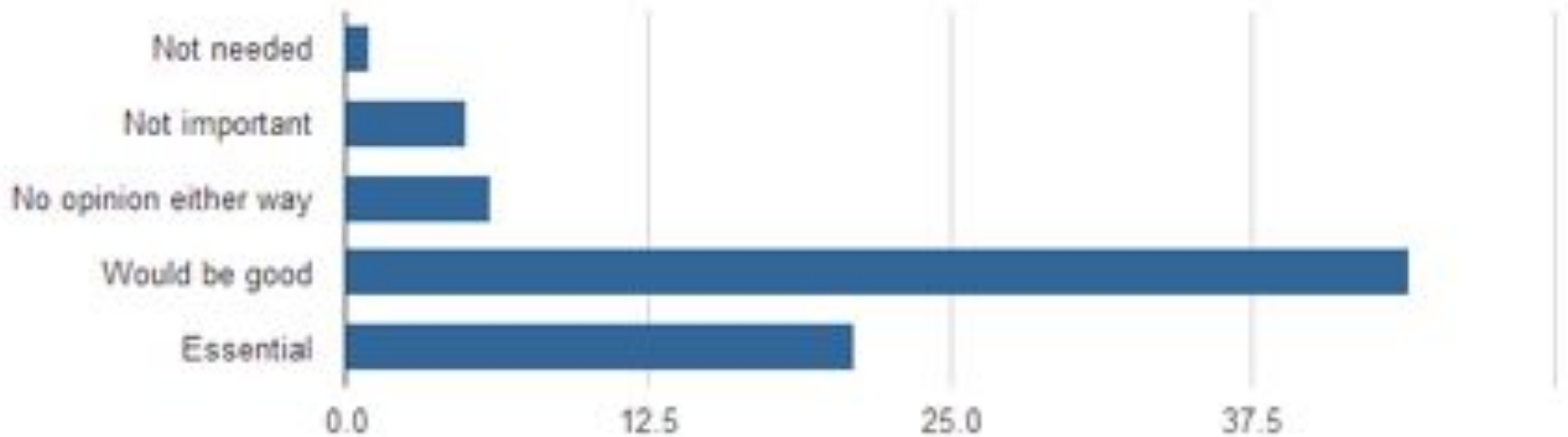
Survey

- Should TRB make TRB database public available for publishers to consult and index?



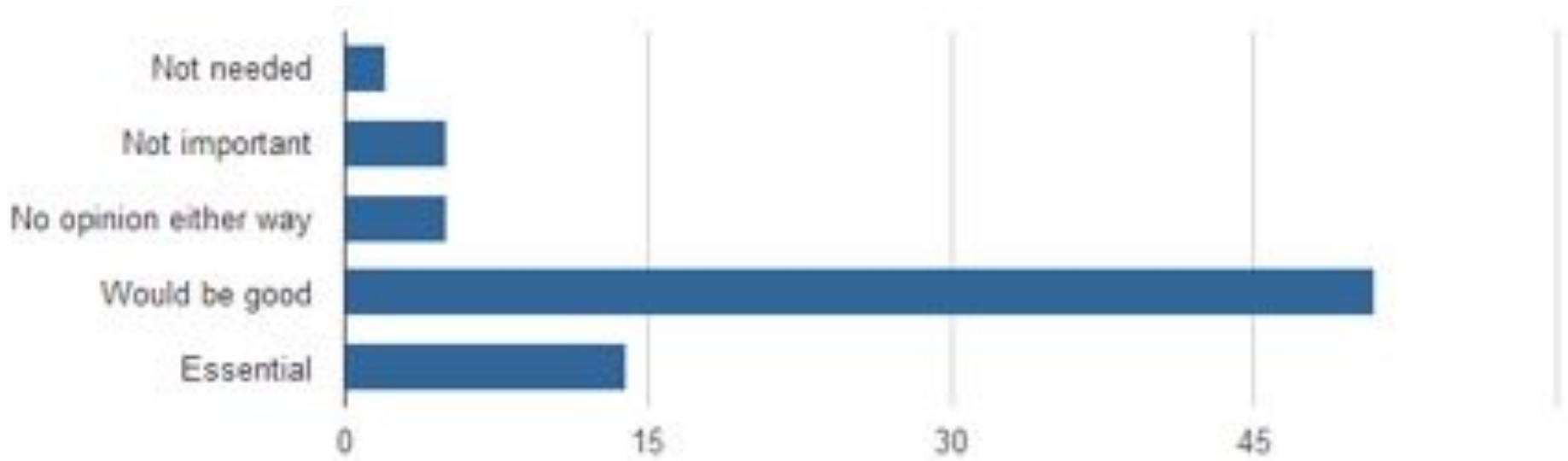
Survey

- Should TFTC provide the list of papers accepted for publication but not yet published to facilitate citation?



Survey

- Should TFTC provide early citation info, e.g., Record Number, page number if possible to help earlier citation?



Recommended Actions

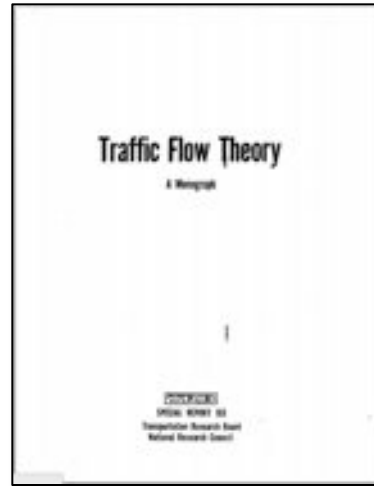
- What TFTC can do
 - Provide the list of papers accepted for publication but not yet published
 - Provide author contact information/abstracts
- What TFTC can petition TRB to do
 - Reduce publication “lag”
 - In interim, provide early citation information such as record number and page number ASAP
 - Discuss the purpose of TRB compendium papers
 - Option 1: no ISBN, idea exchange
 - Option2: ISBN, higher quality
 - More said yes to Option 2, but strong opinions on both sides



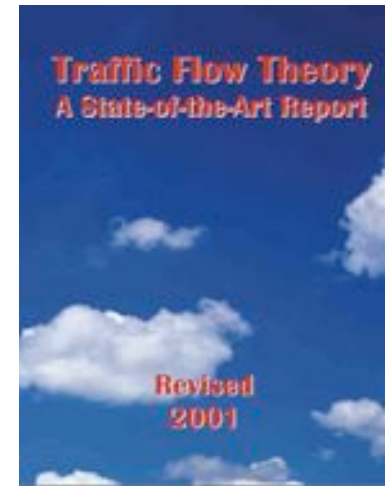
Special Report on TFT




1964



1975



2001

A blurred photograph of a crowd of people walking on a paved surface, likely a sidewalk or plaza. The image is out of focus, showing the lower legs and feet of many individuals in motion. A solid blue vertical bar is visible on the left side of the image.

Subcommittee Crowd Flow Dynamics, Modelling, and Management AHB45 (2)

Activity Report

(Majid Sarvi, Serge Hoogendoorn, Winnie Daamen)

Subcommittee's aims and objectives:

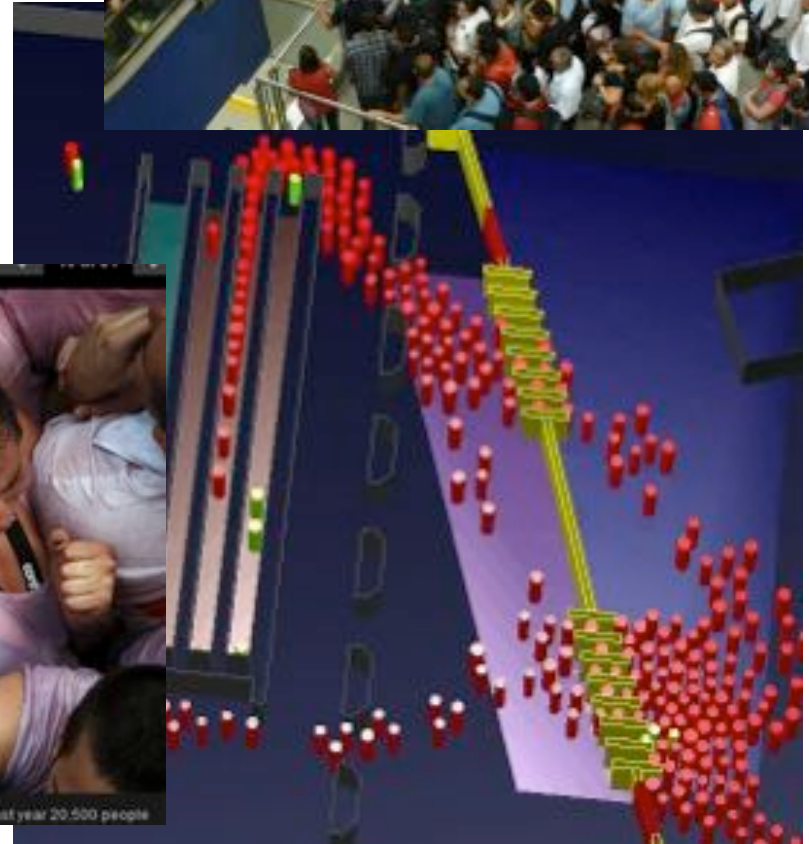
1. Brings together scientists and practitioners from different disciplines working on crowd flow theory, modeling, operations, and management
2. Further theoretical development and understanding of crowd dynamics
3. Focus on application perspectives in flows and crowd management and design of crowd/pedestrian facilities

Subcommittee's key themes

- Crowd flow dynamics
- Crowd modeling and simulation
- Management of pedestrian flows



Spain's San Fermin festival in Pamplona kicks off, featuring its famous 'Running of the bulls'. Last year 20,500 people



Facebook page

The image shows a screenshot of a Facebook group page. At the top, the Facebook logo and navigation bar are visible, including the search bar and the user's name 'Winnie Daamen'. The group name is 'TRB Subcommittee on Crowd Flow ...'. The cover image shows a blurred crowd of people. The page content includes a post by Serge Hoogendoorn with the text: 'We are organising a special workshop during TRB 2014. Next to presenting our new subcommittee, the workshop should be about:'. Below this text is a list of workshop topics: 'Identifying the critical issues in pedestrian simulation and crowd management', 'Presenting the state-of-the-art', 'Identifying the subcommittee's main objectives', and 'Identification of sharable datasets'. The right sidebar shows group statistics: 'Over deze groep 42 leden', 'Openbare groep', and '42 leden · Bericht sturen · Uitnodigen via e-mail'. There are also suggestions for other groups like 'Slogans Against Driving Drunk! One...' and 'la Prévention Routière Internationale'.

Membership, posting all workshop presentations, list of papers in crowd themes for both podium and poster sessions, etc.

Special call-for-papers

- Crowd dynamics: empirical analyses, modeling, simulation, and management
- 18 papers received
- 1 podium session
 - Session 219, Monday, January 13, 2014 8:00AM - 9:45AM
 - Marriott, Salon 3
- 1 poster session
 - Session 365, Monday, January 13, 2014 2:00PM - 3:45PM
 - Marriott, Salon 2

Sunday workshop



9:00	Wellcome	R. Bertini
9:10	Subcommittee activities in the last year	W. Daamen
9:20	Simulation of crowds	H. Mahmassani
9:40	Mathematical modelling of crowds	P. Goatin
10:00	Empirics of crowds	A. Seyfried
10:20	Crowd challenges at train stations	J. van den Heuvel
10:40	Practical issues in crowd management	T. Kretz
11:00	Group behavior in crowd	G. Vizzari
11:20	Round table discussion on key critical issues and main tasks of the committee	S. Hoogendoorn and M. Sarvi

TRB TRANSPORTATION RESEARCH BOARD
OF THE NATIONAL ACADEMIES

Washington DC

Sunday, January 12, 2014
 9:00am-Noon 103-Crowd Flow Dynamics, Modeling, and Management
 1:30pm-4:30pm 172-Simulation: Looking Back and Looking Ahead

Monday, January 13, 2014
 10:15am-Noon Visibility Committee, AND40
 1:30pm-3:30pm Pavement Preservation Committee, AHD18
 7:30pm-10:00pm Bridge Preservation Joint Subcommittee of AHD00, AHD25, AHD30, AHD35, AHD40, AHD45, AHD00

Tuesday, January 14, 2014
 8:00am-Noon Operational Effects of Geometrics Committee, AHD65
 1:30pm-5:30pm Visualization in Transportation Committee, ABJ95
 7:30pm-10:00pm Pedestrians Committee, ANF10

Wednesday, January 15, 2014
 8:00am-Noon Motorcycles and Mopeds Committee, ANF30
 2:30pm-6:00pm Roundabouts Com



Subcommittee future agenda

- Research challenges
- Set-up a list of critical issues
- Future topics/List
- Joint research agenda based on identified critical issues
- Subcommittee main activates considering the topics above



Liaison With Other Committees





International Liaison

- NEARCTIS W. Daamen
- MULTITUDE V. Punzo
- MOCOPo Website C. Buisson





Announcements/Future Meetings

- **Midyear Meeting and Symposium Celebrating 50 Years of Traffic Flow Theory**
 - August 11-13, 2014
 - Call for Papers now open www.tft.pdx.edu/tft50
- ISTTT21 Kobe, Japan Call for Papers now open



Future Meetings

ISTS & IWTCDS

June 1-4, 2014 * Ajaccio, Corsica (France)

10th June 2014 - 10th June 2014 (continued)

International Symposium on Transport Simulation
International Workshop on Traffic Data Collection and its Standardisation



Announcement
Call for Abstracts



Venue: City of Ajaccio,
the capital city of the French Mediterranean Island of Corsica
Birthplace of Napoleon Bonaparte

Following the success of the previous editions of both the International Symposium of Transport Simulation (ISTS) and the International Workshop on Traffic Data Collection and its Standardisation (IWTCDS), ISTS14 and IWTCDS14 aim to gather the world's transportation and traffic academics and practitioners, as well as people who are interested in contributing to or gaining a deeper understanding of the data collection, its standardisation and the transport simulation field.

During the three-day conference plenary sessions featuring high level speakers and interactive breakout sessions will take place at the Conference Centre of Ajaccio (Corsica, France), where participants will have the opportunity to mingle with those at the forefront of data collection, standardization, transport simulation thought, practice, and implementation as well as exchange of experience and best practices.

This event will focus on scientific challenges and issues raised by new theoretical development in the transport fields as well as new advances in Mobility Data Collection and smart processing tools.

The ISTS14 and IWTCDS14 will be organised by the Traffic Engineering Laboratory (ICIT), a joint Research Lab. of ENTPE (the Post-graduate School of Civil Engineering, Transport & Sustainable Development) and IFSTAR (a French Research Institute in the area of Transportation, Urban and Civil Engineering, Construction Materials and Natural Hazard).

Save the date!

ISTS14 and IWTCDS14 accept two different kinds of submission types. The two formats differ with respect to submission criteria, presentation and discussion time, and consideration for publication. Both types require the submission of an extended abstract (700-1'000 words) by January 30th 2014, and receive notice of acceptance by March 15th, 2014.

If you submit a full paper (15-30 pages, double spaced) you will automatically be assigned to a full paper presentation. You will benefit from a longer presentation time (20 min) and an extended timeslot for the discussion (10 min) which totals to 30 minutes.

Only full papers presented at the conference will be considered for publication in the journal "Procedia Social and Behavioral Sciences" (published by Elsevier).

Key dates

Submission Process

- January 30th, 2014
Extended Abstract Submission
- Mars 15th, 2014
Notification of Acceptance
- April 30th, 2014
Full paper Camera-ready

Registration Process

- January 14th, 2014
Registration opening - Early Bird
- March 17th, 2014
Advanced rate
- June 1-4, 2014
ISTS 14 and IWTCDS 14, Ajaccio.



Stream: Traffic flow Theory and Control

Invited Sessions

- From micro- to macro-scopic traffic modelling (L. Leclercq)
- Network level traffic modelling (N. Geroliminis)
- Best practices in traffic simulation and calibration (M. Menendez)
- Optimization in Freeway systems (I. Papamichail + C. Roncoli)
- Urban Control (J. Haddad + K. Aboudolas)

- Please email any of the session chairs for a submission code

- Short abstract of 600 characters

- Deadline: January 31st



New Business

- 2015 Annual Meeting Call for Papers
 - Classic Papers Subcommittee Next Incarnation
 - Joint Subcommittee on Road Vehicle Automation
 - Future Products and Activities
-



Adjourn with Gratitude

D.L. Gerlough
1963



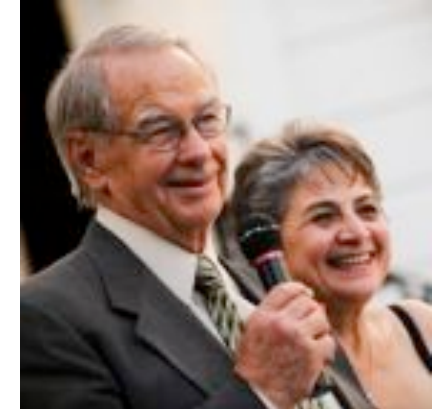
Donald Cleveland
1964-1967



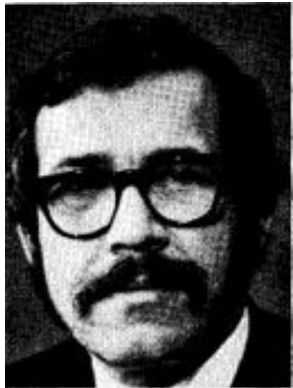
Harold Michael
1963-1964



Joseph Oppenlander
1964-1968



Donald Capelle
1968-1974



Kenneth Crowley
1974-1980



John Haynes
1980-1986



Carroll Messer
1986-1992



Hani Mahmassani
1992-2000



Nathan Gartner
2000-2009



Adjourn

Please don't forget to sign in!
