

TFT Summer meeting 2015

TFT Summer Meeting, Kobe Japan August 5 ; 13:00 -> 13h40 (local time)
Chair: Ludovic Leclercq,
Minutes by Nikolas Geroliminis

Number of participants (about 20)

Agenda

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| Welcome and Call to Order Introductions – Members & Friends TFTC Subcommittee Reports <ul style="list-style-type: none"> - SimSub - Connected Automated Vehicles - Research Problem Statements - Paper Review - Greenshields Prize & Awards - Outreach and Diversity - Special Report on Traffic Flow Theory Midyear Meeting <ul style="list-style-type: none"> - 2016 – Queensland, Australia (Dates/Agenda/CfA) - 2017 – Chicago - 2018 – TBA - Retreat for classic papers? Liaison with Other Committees International Liaison Announcements and Future Meetings New Business Adjourn | Ludovic Leclercq G. List S. Mattingly M. Hadi L. Leclercq L. Leclercq S. Hamdar H. Mahmassani M. Sarvi H. Mahmassani C. Buisson All Attendees All Attendees All Attendees All Attendees L. Leclercq |
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Agenda prepared by Sue Ahn is presented

Welcome and call to order

TFT – Subcommittee reports

- SimSub
- Connected Automated Vehicles
- Research Problem Statements
- Paper Review
- Greenshields Prize & Awards
- Outreach and Diversity
- Special Report on Traffic Flow Theory

Review of Subcommittee reports

Simsub – G. List

- No report

Connected Automated Vehicles – S. Mattingly

- No report

Research Problem Statements - M. Hadi

- No report

Paper Review - L. Leclercq

- Updates to the Paper review committee:
 - R. Bertini is out
 - V. Gayah & L. Leclercq are in
- The members are : S. Ahn, N. Geroliminis, T. Toledo, H. Mahmassani, V. Gayah, L. Leclercq
- Papers will be available to the committee on August, 11th and then send progressively send out for reviews

Paper Review Committee updates (Vikash Gayah and Ludo Leclercq have joined)

Greenshields Prize & Awards – L.
Leclercq

Greenshields Prize Award Committee

Award committee members

- Ludovic Leclercq (Chair)
- Nathan Gartner
- Monica Menendez
- Robert Bertini (new member starting from 2015)

(Rob. Bertini is a new member joined the committee)

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

No paper was eligible to the Burggraf Award in 2015
A recommendation has been made for the Mickle award

Cunard Award for 2015

2014 Best 1st Young Author Paper in the area of Operations:

The TFT committee got the award twice (in 2013 and 2014). We made a recommendation for 2015.



TFT papers got the Cunard award twice in 2013 and 2014. A recommendation has been made for 2015.

Greenshields Prize

- 2015 Greenshields Prize
- TRB Paper No. [15-3916](#)
- Title : **Real-Time Travel Time Prediction Framework for Departure Time and Route Advice**
- Authors: Calvert, S.C., Snelder, M., Bakri, T., Heijligers, B., Knoop, V.

This paper proposes a real time travel time prediction framework designed for large urban area including both arterial and urban roads. This framework makes it possible to test a wide variety of prediction models based either on theoretical or data-driven approaches. The results are demonstrated in a large test case corresponding to the Amsterdam Practical Trial. Data-driven approaches were then favor because their are easier to calibrate and require less computations. For short-term prediction, it appears that the simplest data driven approach (naive approach) performs the best. For larger-time window, a refined method (historic median prediction) provides the more accurate results. In most cases, the average absolute relative error is below 20%.

The main contributions of this paper are (i) the formulation of the global framework and (ii) the extensive test of different methods on a large and heterogeneous operational test cases. The operational feedbacks from this study provide a good state of the art of the performance of data-driven methods in a mixed context and pave the way of further methodological developments.



2015 Greenshields prize for “Calvert et al” paper (No-15-3916)

Outreach and Diversity - S. Hamdar (&
Jing Dong and Alireza Talebpour)

Outreach and Diversity

- AHB45 newsletter: 25 Issues Launched and Continuing

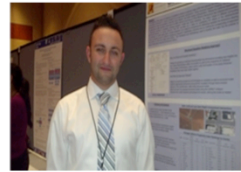
AHB45 Youtube Channel to be redesigned and re-launched in January of 2016
(Established in 2014 with the help of Dr. Sandeep Mutigonda)



Dr. Alireza Talebpour
Reporter



Ms. Zhijie (Sasha) Dong
News Media Coordinator



Mr. Justin P. Schorr
IT Support

A Youtube Channel is created with videos, webinars, interviews and educational material.

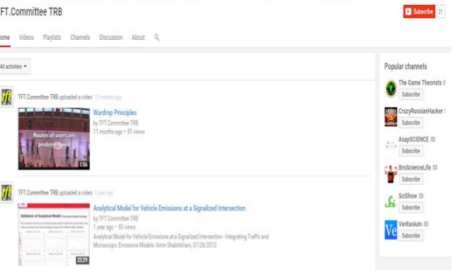
Newsletters

AHB45 Newsletter July 2015



- Launched July 2013 (25 issues threshold at ISTTT 21)
 - 7 January 2015 issue
 - 12 issues in 2014
 - 5 issues in 2013
- Archived at:
<http://tftcnews.blogspot.com/>
- Contact Prof. Samer Hamdar
hamdar@gwu.edu
- What do you want to see?
- Ideas/Suggestions/Input Welcome!

Youtube Channel



To be relaunched at the 2016 Annual TRB Meeting (additional ideas & suggestions welcomed)

- 21 subscribers
- 5 Videos
- Found at: <https://www.youtube.com/user/AHB45/feed>
- Further work needed:
- 4 Sections:
 - Interviews (one per month – 5 10-min interviews by January 2016): Alireza Talebpour
 - Webinars (from Webinar Series): Meead Sabri
 - News Videos (News Media in Newsletter since March 2014 – 7 videos already used): Sasha Dhong
 - Research and Educational Videos: Samer Hamdar and Hans Van Lint

Outreach and Diversity

- Coordination with newly formed “Traffic Flow Modeling for Connected and Automated Vehicles” Subcommittee:
 - Assistance in AVS2015 Symposium
 - TRB 2016 accepted workshop (public announcement of accepted workshop proposals in the coming days): “Towards Surface Transportation Networks’ Automation: Opportunities and Challenges” (co-sponsored by the Intelligent Transportation Systems Committee - AHB15 - and the Vehicle Highway Automation Committee - AHB30).
 - Industry oriented workshop: current outreach to speakers from Verizon and Volkswagen America - already located in the Washington DC Metropolitan Area (ideas, suggestions?)

- Thanks to: , Alireza Talebpour, Sasha Dong, Justin Schorr, Jing Dong, Vikash Gayah, Meead Saberi, Ethan Xuan, Stephen Mattingly and Monica Menendez

Special Report on Traffic Flow Theory - H. Mahmassani

- No report

Midyear Meeting

- 2016 – Queensland, Australia (Dates/Agenda/CfA) ; M. Sarvi
- 2017 – Chicago ; H. Mahmassani
- 2018 – TBA
- Retreat for classic papers? ; C. Buisson

2016 Midyear meeting has been announced for Queensland (organized M. Sarvi) F. Viti proposed to coordinate the dates with the DTA Symposium in Sydney (June 27-29). To be discussed.

Liaison with Other Committees – All attendees

- No information

International Liaison – All attendees

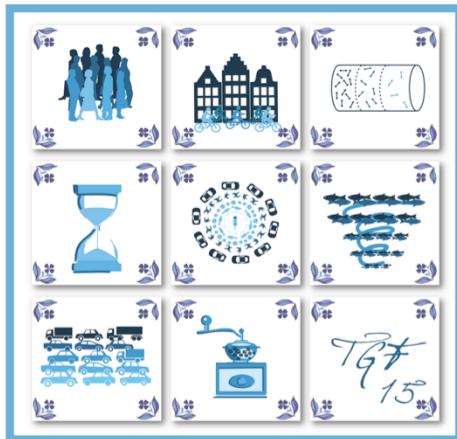
- No information

Announcements and Future Meetings - All attendees

- TGF 2015
- DTA conference 2016

Future meetings, Traffic and Granular Flow 2015 in 28-30 Oct. 2015 in Delft

Traffic and Granular Flow 2015



- 28-30 October 2015
- Venue near Delft, the Netherlands
- main topics:
Vehicular traffic and pedestrian traffic
- Keynotes:
Ludvic Leclercq
Dirk Helbing
Charlotte Hemelrijk
- Approx 100 presentations

New Business – All attendees

- The MFD data quest – J. Laval & J. Haddad
- Bibliometric Analysis for TRR and other journals – N. Geroliminis

The service for webinars is proposed to be covered by J. Haddad (he will investigate)

Nikolas showed some scopus citation analysis for different journals including (TRR, TFT TRR, TR_B, TR_C and TScience). A more coherent analysis will be presented in January if there is a timeslot available.

The meeting is adjourned !

Thanks to everyone