



WCTRS-Y: Newsletter of WCTRS Young Researchers' Initiative

Latest News: WCTR-Y conference organisers are now in the paper review process. It is planned to send the results of the reviews to young researchers by mid-April 2016 for revision and submission of the final text.

SEE YOU ALL IN SHANGHAI!

WCTR 2016 SHANGHAI

Preliminary Programme*
at Glance:

10 JULY

WCTR-Y CONFERENCE

08:30 - 17:30

WELCOME COCKTAIL

19:00

11 JULY

OPENING SESSION

08:30 - 09:00

PLANARY SESSION

09:00 - 10:00

TECHNICAL SESSIONS

10:40 - 12:20

TECHNICAL SESSIONS

13:30 - 17:10

12 JULY

TECHNICAL SESSIONS

08:30 - 15:20

GENERAL ASSEMBLY

15:30 - 17:10

GALA DINNER

19:00 - 21:00

13 JULY

TECHNICAL SESSIONS

08:30 - 17:10

14 JULY

TECHNICAL SESSIONS

08:30 - 10:10

CLOSING CEREMONY

10:30 - 12:10

TECHNICAL TOUR

13:00 - 18:30

15 JULY

TECHNICAL TOUR

08:30 - 12:30

About WCTRS-Y

WCTRS-Y is the World Conference on Transport Research Society Young Researchers' Initiative. It aims at facilitating three activities of young members of WCTRS: Y-I, Y-II and Y-III that allows young members of the society to enjoy sound benefit from society membership. The Y-I is the young researchers conference that will take place on Sunday July 10th, 2016 in Shanghai where young members are acquainted to conference organisation, meet colleagues, learn from their seniors and attend WCTR-14, the society main conference. The Y-II is the WCTRS PhD Students' Grants where young members compete for an Innovation Grant worth the equivalent of 4000 Euros, and three Prestige Grants each worth the equivalent of 2000 Euros. As for the Y-III, this is the WCTRS Young On-Line Facility, where young members produce this Newsletter and establish a special domain on the society Website and a Facebook page for young members. Edition 1 of the above three activities was launched in 2013 accompanying Rio WCTR-13 and now Edition 2 of Y-I, Y-II and Y-III are accompanying the Shanghai WCTR-14th Conference.

Find in this Issue:

In this issue, you will read an Editorial Letter from Prof Pan Haixiao, the Conference Chair of WCTR-14, Shanghai; a featured interview with Prof. Romulo Orrico, Conference Chair of the WCTR-13, Rio; a list of up-to-date job opportunities; a briefing about Shanghai, an exciting city to visit, and much more!



The Theme of WCTR-Y, Sunday July 10th, 2016, Shanghai

Transportation is a complex and porous social, technical, and economic system, difficult to address comprehensively. The need of transporting passengers and goods is increasing in all regions of the world, usually faster than economic growth. Generally, in the long run, transportation demand increases in higher rates than the reduction in energy and pollution intensity. Fully recognising this emerging need, we have set the theme for the WCTR-Y 2016 as **Transport Innovation for Mobility and the Environment**. Under this general theme papers of young members of WCTRS will focus on diverse topics.

JOIN US ON FACEBOOK!

The Facebook page for WCTRS young members has been launched. We will update the recent WCTRS-Y activities and related information on the Facebook page. Please join us there and share information with the members: <https://www.facebook.com/wctrsy/>

*as informed on April 11th, 2016.

EDITORIAL LETTER



Prof. Pan Haixiao

Prof. Pan, Haixiao is Professor of Urban Planning in the Department of Urban Planning at Tongji University in Shanghai, China. He is one of China's leading researchers in urban land use and transport planning. He has published several books and numerous articles in this area. In addition, he has been involved in many urban planning projects and transport planning studies commissioned by local governments, including Transport and Towns Development in Shanghai Region, Shanghai 2010 Expo Transport Management Framework, Metro Transport and Urban Spatial Structure, and Urban Spatial Strategy toward Low Carbon City.

Dear Young Colleagues,

Welcome you to Shanghai! I really appreciate all your efforts and contribution to the fruitful and exciting WCTRS-Y Initiative and Conference (WCTR-Y), which will be held on July 10th in our University during WCTR 2016 Shanghai.

The availability and quality of transport services are so important to the wellbeing of an increasingly globalised society. New technology has improved transport system tremendously in terms of efficiency and effectiveness. However, we are still facing many common challenges in environmental, economic and social dimensions. Today the world is in changing, your vision will have a crucial impact towards the more resilient, inclusive and sustainable future.

WCTR2016 will have delegates from more than 70 countries/areas; they will present their most recent research and concerns in various aspects of transport, including aviation, shipping, highway and urban transport. This provides young researchers the opportunity to share the knowledge more comprehensively from different geographic locations, and from diversified social-economic and political perspectives.

Shanghai is the largest and most dynamic city in China; transport really helped the transformation of the city. With the fast development, how to manage its transport system to support a liveable and greener Shanghai is one of the key concerns of stakeholders under new urbanisation in China. Your contribution will benefit the exploration of new development roadmap of Shanghai and facilitate the transformation of other cities/regions in China as well.

Tongji University is one of the leading universities directly under the authority of Ministry of Education in China. The history of the university dates back to 1907. Tongji University has a variety of specialised colleges. Transport research and education are mainly conducted in College of Architecture and Urban Planning and College of Traffic and Transportation Engineering, etc. The latter possesses five departments: Dept. of Road and Airport Engineering, Dept. of Urban Rail Transit and Railway Engineering, Dept. of Traffic Engineering, Dept. of Transportation Management Engineering, and Dept. of Transportation Information Engineering. I hope the WCTR-Y Initiative will strengthen the communication of our young colleagues with you.

Looking forward to meeting you in the 14th World Conference on Transport Research from July 10 to 15th, 2016 and enjoy your stay in China.

Prof. Pan, Haixiao

A handwritten signature in black ink, appearing to read 'Pan Haixiao', written in a cursive style.

Local Organising Chairperson, 14th WCTR Shanghai
Professor, Department of Urban Planning
Tongji University
Shanghai, China



THE INTERVIEW: PROFESSOR ROMULO ORRICO

Civil Engineer Bachelor at UFBA (1973), M.Sc. in Production Engineering at COPPE / UFRJ (1979) and D.Sc. in *Urbanisme et Aménagement du Territoire* at the University of Paris (1987). Presently is a professor of graduate courses at COPPE (Coordenação de Programas de Pós-Graduação em Engenharia) Transport Engineering from the Federal University of Rio de Janeiro with emphasis on Research in Public Transport, mainly in Planning, Economics and Regulation of Transport Networks. He has been State Secretary of the State Administration of Rio de Janeiro and Deputy Transport Secretary of the City of Rio de Janeiro and ANPET (Associação Nacional de Pesquisa em Transportes) President from 1986 to 1993. Prof Romulo is author of 25 published papers; 34 book chapters and over 100 Conference Papers.

Summary of WCTR 13 at Rio, challenge and outcomes:

There were two main challenges. First, it was the operations & organisation of the conference. The WCTRS Brazilian team had no historical WCTRS event. It was very challenging to hold successfully an event of this magnitude (almost a thousand people) in a country with an academic group that had no experience. I hope the WCTRS-Y helps a lot in this sense. The second challenge was related to greater participation and commitment from WCTRS community (members of society) in the scientific world. I believe this was one of the important lessons that signalled the need to enhance the participation of members in the conference organisation. I hope that the new composition of Special Interest Groups and its effective participation in the Topic Areas and Session Tracks should help. As for the outcomes they were very diverse and varied. I focused on the scientific part, which was well received. One concrete result of this positive feedback is the expansion of the number of journals associated with the conference. There was a real increase in the number of papers submitted to scientific journals. This improved the WCTRS relationship with publishers, which should be reflected in the amount of Journals that have become partners of WCTRS next event in Shanghai. Another very important outcome was the WCTRS-Young Activities that has happened for the first time during the 2013 Rio Conference. The Poster Sessions was also a great success, confirming a strong feeling we had: Poster presentations have the same quality of presentation in the parallel sessions.

Why do you think WCTRS-Y is an important initiative?

There are many reasons. I will highlight the three main ones in my opinion. First, there is an Incentive, a Motivation: that is, to open space for the dissemination of research by young people. Very important because - in similar conditions - there is always a preference for the investigation made by more experienced researchers, due to several factors like language, maturity, presentation mode etc. There will be always a history that, for many reasons, will give to more mature investigators the preference for such events. Therefore, to open this space for the young researchers is a great incentive. The second has to do with Novelty. "New things will always come" is a title of Brazilian Song that I like very much. Forcing academia to watch the novelty of all kinds brought by young people, means to be tuned to the changes in society, technology, behaviour etc. Not bearing in mind these changes is not a good idea. The third is the Future. We have to admit and face the reality of the human life cycle. Therefore, with this open space WCTRS is building an alliance with the young people that will lead the WCTR Society Organisation in the future, it is essential to start this alliance now.

The transportation sector is still predominantly an Engineers' field. However, some critical topics of research and project conduction do require an interdisciplinary approach. Do you agree?

Absolutely! Totally in agreement. I am very favourable to collaboration between disciplines; Transportation is a great field that includes many disciplines. We must use all of our tools to solve (or at least to aid) society problems. If I can use my own example, I must talk about the RESET - Transportation Engineering and Socioeconomics Research Network. RESET is a research network created 20 years ago linking Researchers from Universities Brazil and even from some Latin American countries and what we do is very interdisciplinary, linking transport economics, regulation and civil engineering projects. We know that production Engineering and Economics are closely related to each other. Transport Engineering is everywhere, from large construction projects to clothes on the shelf of a store. Transport is not an end in itself. And this is a matter taken very seriously. As Transport Engineer I had to explain many times what my job was. Today I just say that I work with urban mobility, and everybody already knows what that is. It's in people's lives. Interdisciplinary should be the scope, by definition, of the transportation research field. The pressure for publications in the specific area is even greater, but sometimes a good paper worth less just because it was published in another area. The WCTRS is quite broad and considers everything all about transportation.

Typical transportation problem solving involves a lot of technical knowledge and access to technology. The solution implementation falls back into policy and regulation issues. Do you see barriers between academicians (scholars, teachers, and students), practitioners and policy makers? I cannot say I did not see these barriers. Unfortunately, they are very strong in Brazil. I think it is the same in the developing and emergent economies. I presume they are less in Developed Countries. However, as researchers, we must think about and investigate these barriers in order to build strategies and actions to overcome them. We cannot forget that transportation is a very complex sector with multiple actors, and multiple objectives. Politically, the analysis made by academics, are necessarily limited to the decision makers, because they already have more information than the researchers can give. So, the academic research should be one of the several supporting or assisting tools for those making the decision. On the other hand, the fact that there are barriers should instigate researchers to study and find out how to overcome them. Transportation is also an economic (and financial) market that moves many value chains.

JOB OPPORTUNITIES

Lecturer in Transportation, University of Colorado, Denver, CO, USA:
<https://cu.taleo.net/careersection/2/jobdetail.ftl?job=38142&stype=JB-10062>

Research Economist, World Bank, Washington, DC, USA:
<http://web.worldbank.org/external/default/main?pagePK=8453982>

Full time assistant professor, University of Florida, USA:
<http://explore.jobs.ufl.edu/cw/en-us/job/495161/astasofull-prof>

Research Cooperation, Various Institutions in Brazil:
<http://www.capes.gov.br/cooperacao-internacional>

Postdoctoral Fellowship in Sustainable Transportation, Tongji University, Shanghai, China:
[http://engineering.academickeys.com/seeker_job_display.php?dothis=pdf&job\[IDX\]=76524](http://engineering.academickeys.com/seeker_job_display.php?dothis=pdf&job[IDX]=76524)

Postdoctoral Associate & Research Scientist Positions in Traffic Network Analysis, New York University Abu Dhabi UAE: <http://engineering.nyu.edu/people/saif-eddin-jabari/post-doc-openings>

Postdoctoral - Autonomous vehicles at Nanyang Technological University, Singapore: [http://engineering.academickeys.com/seeker_job_display.php?dothis=display&job\[IDX\]=75535](http://engineering.academickeys.com/seeker_job_display.php?dothis=display&job[IDX]=75535)

Research Fellow at Development, Transportation, and Placemaking (DTP), Rice University: <https://jobs.rice.edu/postings/7025>

Assistant Professor, Smart Living, Missouri University, USA:
<http://hr.mst.edu/careers/academic/>

INFORMATION ABOUT SHANGHAI

The largest city in China is also its most cosmopolitan, offering visitors a chance to experience the past, present, and future all at once. The Huangpu River splits Shanghai into two districts: Pudong and Puxi. The Pudong skyline looks like it was ripped from the Jetsons, with the bulbous Oriental Pearl TV and Radio Tower looking a bit like a two headed lollipop. On the Puxi side, you can walk the Bund riverside district to get a taste of old Shanghai. We hereby sincerely invite young students and researchers in transport to the 14th WCTR Conference and WCTRS-Y in Shanghai, a city where the contemporary China embraces its past and where western culture encounters the ancient Chinese tradition.



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EDITORS Y-III ED-2 Team

Chenfeng Xiong,
University of Maryland
cxiong@umd.edu

Cassia B. Galvao
Sao Paulo Catholic University
cassiabgalvao@gmail.com

Pierre Launay
Université Paris-Est
pierre.launay@ifsttar.fr

Y-III Ed 2 Supervision
Lorenza Tomasoni
CODATU
ltomasoni@codatu.org

ADVISORY & SUPERVISION

Ali Huzayyin
Professor at Cairo University,
Member of the Steering
Committee of WCTRS and
Leader of WCTRS-Y
ali_huzayyin@yahoo.com

WCTRS Support
Yoshi Hayashi
Prof. at Chubu University, Japan
WCTRS President
y-hayashi@isc.chubu.ac.jp

WCTRS Secretariat Office
Jennie Stones
wctrs@leeds.ac.uk