

## French-Japanese workshop

– Present and future of traffic psychology and neighbouring disciplines –

### Draft Program

Venue: Room 605 Station Conference Tokyo

(Floor 6, Sapia Tower, 1-7-12 Marunouchi, Chiyoda Tokyo 100-0005)

Organizers: Japanese Association of Traffic Psychology (JATP)

International Association of Traffic and Safety Sciences (IATSS)

#### October 23 (Tuesday), 2018

9:30 Reception coffee

9:50 Opening: Mr. Satoshi Kamada, IATSS

#### 10:00 **Session A: Vulnerable road user 1, chair: to be decided**

10:00 **Nagahiro Yoshida**, Osaka City University

Bicycle transportation policy in Japan and recent IATSS project

10:15 **Mio Suzuki**, Tokai University

Feasibility of cycling simulator for behavior analysis or safety education

10:30 **Marie-Axelle Granié**, Ifsttar-TS2-LESCOT

Risk perception, perceived social norms and rule internalization in child and adolescent pedestrians

10:45 **Macky Kato**, Waseda University

Extracting the effective factors to prioritize the traffic vulnerabilities on the crossroad in Japan

11:10 Coffee break and networking

#### 11:30 **Session B: Norms, risk perception and behavior, chair: to be decided**

11:30 **Yukako Nakano**, National Research Institute of Police Science

Attitudes and behavior change: child restraint use aimed at parents

11:45 **Julien Cestac**, Ifsttar-AME-LPC

Compliance with traffic safety rules

12:00 **Kazuko Okamura**, National Research Institute of Police Science

Characteristics of fatal traffic collisions in Chiba: preliminary finding from autopsy and police traffic accident data

- 12:15 **Nadine Chaurand**, Ifsttar-AME-LPC  
Subjective risk, intergroup relations & social influence-based methods to promote better mobility behaviors
- 12:40 Lunch
- 14:20 **Session C: Vulnerable road user 2, chair: to be decided**
- 14:20 **Viola Cavallo**, Ifsttar-Cosys-LEPSiS  
Simulator studies on social influence and metacognition in older pedestrians
- 14:35 **Yasunori Kinoshita**, Shizuoka Institute of Science and Technology  
How do other vehicles' advanced driver assistance systems (ADAS) change street-crossing behaviors?
- 14:50 **Aurélie Dommès**, Ifsttar-Cosys-LEPSiS  
Pedestrian mobility with aging: street-crossing studies and helping devices for older pedestrians
- 15:05 **Tsuneo Matsuura**, Jissen Women's University  
Non-drivers' risky perception of traffic norms as a determinant of their higher involvement in pedestrian accidents
- 15:30 Coffee break and networking
- 16:00 **Session D: Training, education and policy, chair: to be decided**
- 16:00 **Kazumi Renge**, Tezukayama University  
Effect of physiological and pathological aging on hazard perception and driving performance
- 16:15 **Yasushi Nishida**, Institute for Traffic Accident Research and Data Analysis  
Effect of the accident experience and the type of human error on the following accident
- 16:30 **Chloé Eyssartier**, Cerema, DterOuest, DMI  
Acceptability of public policies and behavior change
- 16:45 **Yusuke Okuyama**, Traffic education center at R45-Hinode Driving School  
The education effects to self-assessment skill by two-way classes ("coaching")
- 17:00 **Hiroo Ota**, Professor Emeritus of Tohoku Institute of Technology  
Attempt to adopt the education method, "coaching", for older drivers' education
- 17:25 Free discussion and networking
- 18:00 Stand-up buffet
- 20:00 End of the first day

**October 24 (Wednesday), 2018**

9:20 Reception coffee

9:40 ***Session E: Automation and behaviour, chair: to be decided***

9:40 **Toshihiro Hiraoka**, Nagoya University

Advanced driver-assistance system to encourage behavioral adaptation for better driving

9:55 **Toshiaki Kimura**, Tezukayama University

The relation between attentional bias and prefrontal cortex using near-infrared spectroscopy: Comparison between young and elderly people

10:05 **Masahiro Tada**, Kindai University

A trial approach for elderly driver retraining using real-time safety driving advice system

10:20 **Philippe Cabon**, LATI – Institut de Psychologie, Université Paris Descartes

Fatigue and safety in transport: from individual to organizational management

10:35 **Jean-Marie Burkhardt**, Ifsttar-AME-LPC

Automation and transportation Human Factor issues: from acceptability to systems safety

11:00 Coffee break and networking

11:30 ***Session F: Measurement of road user behaviour, chair: to be decided***

11:30 **Stéphane Espié**, Ifsttar-TS2-Simu&Moto, LATI

Tools and methodology to study road users' behaviours, the motorcycle riders' case

11:45 **Kazunori Shidoji**, Kyushu University

Driver behavior and psychophysiological status

12:00 **Motoharu Ono**, Fukuoka Institute of Technology

Development of the risk assessment system for rear-end collision considering the direction of the driver's gaze

12:15 **Thong Dang**, Ifsttar-Cosys-LEPSIS

Building immersive virtual reality experiences for road safety and mobility research

12:40 Overview: Viola Cavallo

12:50 Closing remarks: Hiroo Ota

13:00 End