

# PIARC TC 2.4 Workshop

## Mobile road surface condition measurements in winter

11<sup>th</sup> March 2015, Helsinki, Finland

### FINAL ANNOUNCEMENT

2.3.2015

PIARC TC 2.4 (Winter Service) invites you to the Workshop on **Mobile road surface condition measurements in winter** in Helsinki, Finland on 11<sup>th</sup> March 2015.

The workshop will give you an excellent overview of

- how friction and other road surface condition is measured with mobile tools in different countries
- what kind of new tools and methods are used and developed

### Programme

#### Wednesday 11<sup>th</sup> March

**Moderator: Jukka Karjalainen, Finnish Transport Agency**

**8:30 Coffee**

**9:00 *Opening of the workshop***  
Raimo Tapio, Finnish Transport Agency

**9:15 *Introduction to the workshop***  
Mikko Malmivuo, Innomikko Oy, Finland

**9:35 *Mobile road surface condition measurements in different countries***  
(15 min each + short discussion)

- Freezing of Salty Solutions versus Mobile Surface Condition and Friction Measurements, Taisto Haavasoja, Teconer Oy, Finland
- Mobile Weather Data Collection and Lessons Learnt, Daniel Johns, Vaisala, United Kingdom
- MetSense –sensors and results from measurements in Sweden, Jörgen Bogren, Sweden
- German Research Results and Practical Experiences in automatically salt spreading and contactless measurement of road surface conditions, Horst Badelt, Germany
- A Comparative Study of Road Surface Condition Measurement Devices, Roberto Tokunaga, Japan
- RSI project (Road surface information) in Sweden, Andreas Ljungberg, Sweden

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**11:30**      **Lunch**

**12:30**      ***Other mobile road surface condition measurements and combined studies*** (15 min each + short discussion)

- Road slipperiness detection based on dynamic vehicle data, Renne Tergujeff, VTT, Finland
- The results of CEDR Winter Maintenance Group, Bine Pengal
- The results of research in this field in the United States, Rick Nelson

**13:30**      **Coffee Break and learning café in groups**

**14:15**      ***Main results in learning café***

**14:30**      ***Summary and discussion***

**15:00**      ***End of the Workshop***

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## **Workshop venue**

The Workshop takes place in Hotel Seurahuone. It situates in the heart of Helsinki.  
Address: Kaivokatu 12

## **Registration and payment of registration fee**

Your registration to the Workshop is complete when you have filled in the necessary information in the electronic registration form (<https://www.webropolsurveys.com/S/3E6515A7C3812718.par>) and paid the corresponding registration fee. There is no registration fee for TC 2.4 members.

### **Registration fees:**

- Participant, whole seminar incl. lunch and coffees 80 €
- Speaker-participant, whole seminar incl. lunch and coffees 30 €

### **Bank transfer:**

The fee is to be paid by bank transfer to:

Recipient: Finnish Transport Agency  
Bank account: FI4050000120377477  
BIC: OKOYFIHH  
Company code: 10105471

**NOTE:** Please write the name of the participant in the field for messages!

If a separate invoice is needed for the payment, please tick the respective spot in the registration form.

### **Registration:**

Move to the registration form:

<https://www.webropolsurveys.com/S/3E6515A7C3812718.par>

### **Registration deadline:**

Please fill in the Registration Form no later than 18<sup>th</sup> February 2015.

### **Contact persons:**

For more information, contact Anne Ranta-aho

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If your questions concern the technical programme, please contact Tuovi Päiviö,

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**Welcome to Finland!**