

**ISSUE: 05. OPERATIONAL APPROACHES, EQUIPMENT AND PRODUCTS FOR WINTER CONDITIONS**

**SUB-ISSUE:** Dosing deicing products

**Session:** 05/02/2014 ( 11:30 - 13:00 h )    **Poster:** 06/02/2014 ( 09:30 - 12:30 h )

**Room:** C

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**Presentation title:**

NEW ROAD SURFACE MAINTENANCE OF EXPRESSWAY USING AN ON-VEHICLE SALINITY SENSOR SYSTEM WHICH MEASURES THE SALINITY CONTINUOUSLY

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**Summary:**

Japan is at around same latitude as Mediterranean. Japan sea side often receives heavy snowfall caused by cold seasonal wind from Siberia with much vapor through the Sea of Japan, and by mountain chain as much as 2000 meters along the Japanese islands. In addition, due to low latitude, there is much insolation even in winter so that snow-ice is melted in the daytime and refrozen during night.

