

**ISSUE: 08. ROAD BRIDGES IN WINTER CONDITIONS**

**SUB-ISSUE:** Maintenance of road bridges under winter conditions

**Session:** ( )

**Poster:** 06/02/2014 ( 15:30 - 18:30 h )

**Room:**

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**Presentation title:**

THERMAL EFFICIENCY OF HYDRONIC BRIDGE-ROAD HEATING

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**Summary:**

Icing on road surfaces is caused by meteorological conditions, roadside environment, road structure, etc. and excites an enormous spatial variation of the road surface friction. Bridges are particularly vulnerable to icing because bridge roads receive no heat from underlying ground and have low heat capacity. Due to such concerns, it tends to mount road heating systems on bridges and viaducts.

