

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

SUB-ISSUE: Data acquisition

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Room: D

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Presentation title:

ADVANCES IN LASER AND OPTICAL TECHNOLOGIES FOR ROAD STATE DETECTION APPLICATIONS

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Summary:

Road maintenance managers increasingly face a perplexing quandary: they are tasked with achieving increasingly strict winter weather mitigation standards, while they are simultaneously under growing pressure to reduce costs, infrastructure damage and environmental impact of operations. The answer to this dilemma lies in precise detection of road conditions and action impact, being the safest way to optimize equipment and material usage such as snowplows and anti-ice & snow chemicals.

