



3rd SIIV International Winter School

December 18th-21st, 2022 – Moena



Pavement **A**ssessment and management
towards **S**mart and **S**afer mobility

Final Program Announcement

Francesco Canestrari – Università Politecnica delle Marche – f.canestrari@univpm.it



Past SIIV Winter School

Aims:

- Intensive Courses on Selected Topics;
- Upgrading Opportunity for Young Researchers.

■ Moena (2017)

Advances in Sustainable Asphalt Pavements ASAP

Advances in Sustainable
Asphalt Pavements

ASAP!



Organized by Università Politecnica delle Marche (UNIVPM)
under the auspices of the Società Italiana Infrastrutture Viarie (SIIV)
Chairman: **Prof. Francesco Canestrari** - f.canestrari@univpm.it





Past SIIV Winter School

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- Moena (2017)

Advances in Sustainable Asphalt Pavements ASAP

- Moena (2019)

**Fundamentals for Innovative Research in
Sustainable Transportation**

**1st
FIRST**



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Past Winter School

Location: **Passo San Pellegrino** (Moena, Italy)

a truly unique area, rich in traditions and history, with a wonderful sight in the heart of the Dolomites, a Unesco World Heritage site





Past Winter School 2017



Not only lessons!





Past Winter School 2019





Winter School 2022

December 18th – 21st



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Final Program (1)



Sunday 18 th	Monday 19 th	Tuesday 20 th	Wednesday 21 st
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	Sunday, 18th December
15.00-15.30	Registration
15.30-16.00	Welcome Prof. Gaetano Bosurgi (SIIV President) Prof. Francesco Canestrari (Chairman)
16.00-16.30	Coffee Break
16.30-18.30	National Center of Sustainable Mobility SAMOTHRACE project Round Table: Sustainable or Smart (SOS) pavements? ANAS, Danish Road Directorate, Minnesota DOT, MOVYON
18.30 -19.00	Icebreaker Cocktail
20.00-21.00	Dinner



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Final Program (2)



Sunday 18 th	Monday 19 th	Tuesday 20 th	Wednesday 21 st
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Monday, 19th December

	<i>Implementing advanced innovative materials, testing procedures, and pavement evaluation technologies; Minnesota experience</i> Mihai Marasteanu, University of Minnesota Eyoab Zegeye, Minnesota Department of Transportation
15.00-16.00	
16.00-17.00	<i>Multi-level FWD Load Analysis for Remaining Life Prediction of Asphalt Pavements</i> Richard Y. Kim - North Carolina State University
17.00-17.30	Coffee Break
17.30-18.30	<i>Network-level assessment of motorway pavements using the traffic speed deflectometer</i> Andrea Graziani - Università Politecnica delle Marche
18.30-19.30	<i>Digital Twins for Roads – Development of Data Driven Models</i> Gordon Airey - University of Nottingham
20.00-21.00	Dinner



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Final Program (3)



Sunday 18 th	Monday 19 th	Tuesday 20 th	Wednesday 21 st
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Tuesday, 20th December



15.00-16.00

Assessment of vehicle, temperature loads and pavement conditions
Piotr Jaskula – Gdansk University of Technology

16.00-17.00

Smart and safety mobility: Actual framework, main concepts, novel tools and challenging perspectives
Andrea Benedetto - Roma Tre University

17.00-17.30

Coffee Break

17.30-18.30

ANAS Smart Road: transition from traditional civil work to interactive technological infrastructure
Arianna Stimilli - ANAS

18.30-19.30

LiRA project: impact of connected vehicles and IoTs on pavement management systems
Matteo Pettinari, Danish Road Directorate

20.00-21.00

Dinner



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Final Program (4)



Sunday 18 th	Monday 19 th	Tuesday 20 th	Wednesday 21 st
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Wednesday 21th December

15.00-16.00	<i>5th Generation Road (R5G), what's next?</i> Nicolas Hautière, Université Gustave Eiffel
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16.00-17.00	<i>National Scale Twin for Infrastructures: Challenges and Opportunities</i> Berardo Naticchia, Università Politecnica delle Marche
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17.00-17.30	Coffee Break
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17.30-18.30	<i>The European CCAM ecosystem and the i4Driving project: "Integrated 4D driver modelling under uncertainty"</i> Vincenzo Punzo, Università di Napoli Federico II
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18.30-19.00	Closing session
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20.00-21.00	Dinner
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Participants



Registration Fee 500 Euro

Which includes:

- 4 nights in double or triple^(*) room (in 18th, out 22nd).
- 4 dinners, 4 Coffee Breaks and 4 buffet breakfasts.
- Wellness center (spa, sauna, swimming pool).
- Covered parking for cars.
- Presentations and materials.

(*) Additional charge for single room: 100 Euro

I look forward to meeting you at the Winter School



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