



**UNIVERSITÀ
DEGLI STUDI
DI UDINE**

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Presentation of:

XX INTERNATIONAL SIIV SUMMER SCHOOL

Advances in Pavement and Highway Engineering

Udine – September 9th – 13th, 2024

SIIV – Società Italiana Infrastrutture Viarie and the Polytechnic Department of Engineering and Architecture (DPIA) – University of Udine are proud to announce they are jointly organizing the XX International SIIV Summer School, that will be held in Udine from the 9th to the 13th of September 2024.

SIIV is a nonprofit society founded in 1990 that represents the academic community involved in the area of Roads, Railways, and Airports Engineering. Every year, in cooperation with an Italian University, an International Summer School is organized in order to promote the dissemination of scientific knowledge in the field of road infrastructures, involving both academics and experts from Italy and abroad. It also provides a knowledge exchange platform for PhD students, Postdoc fellows and young researchers.

The XX International SIIV Summer School edition is aimed at discussing the most innovative topics within the general framework of pavement and highway engineering. Cutting-edge technologies for pavement materials will be presented and deeply discussed, also with respect to road construction sustainability and resilience against extreme events related to climate change. Through lectures, workshops, and technical visits provided by both industry and academic experts, attendees will be able to gain practical insights into relevant topics including, but not limited to, bio-binders, high-performance super-modified bitumen, advanced chemo-mechanical materials characterization, pavement durability, as well as smart roads and car driving simulations.

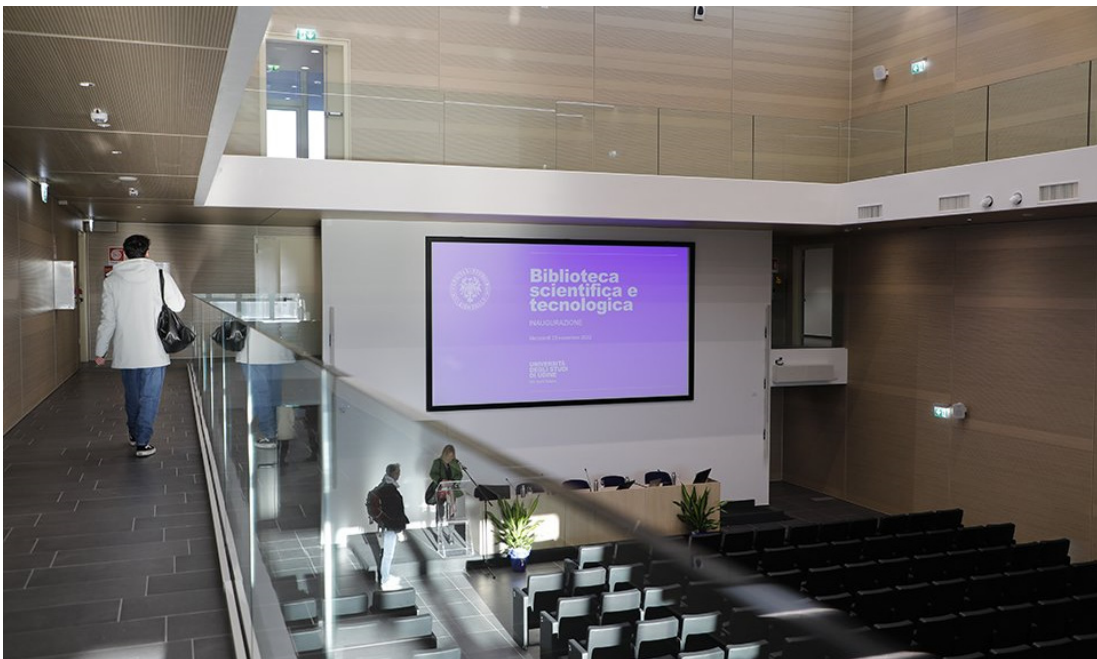
Within the framework of the International Summer School, SIIV ARENA will take place, providing an attractive opportunity for doctoral students in the field of road infrastructures to share the research projects they are currently working on. Presented topics are not limited to the ones covered by the Summer School. Finally, the Scientific Committee will award prizes to acknowledge the best presentations based on the impact of the research described, the innovation of the proposed idea, and their overall quality. The deadline for the participation to SIIV ARENA (1 or 2 speakers from each university) is June 30th, 2023. Presentations must be in English. The duration of each presentation will be notified and determined based on the number of participants attending the competition.

I look forward to meeting many of you in Udine on the 9th of September.

Nicola Baldo

VENUE

SIIV lectures will be held at the Lecture Hall of the **Polytechnic Department of Engineering and Architecture** (Via Fausto Schiavi 44. 33100 Udine UD). It is equipped with the most modern devices and can host up to 280 people.



Institutional greetings and the SIIV ARENA, which are scheduled on the first and final days, respectively, will be held at the **Là di Moret Hotel** (Via Tricesimo, 276, 33100 Udine UD) where attendants will be accommodated as well. Here, the meetings will be hosted in the meeting room named Sala Gialla that can accommodate up to 70 people.



EVENT PROGRAM

September 9th (Monday)

- Guest registration at Là di Moret Hotel (14.00 – 14.30)
- Welcome cocktail Summer School General Introduction (14.30 – 15.00): Prof. Orazio Baglieri (SIIV President), and Prof. Nicola Baldo (Coordinator of the Organizing Committee)

Technical WORKSHOP (Hotel meeting room 15.00 – 18.30)

- Controls (15.00 – 15.45)
- Iterchimica (15.45 – 16.30)
- Coffee break (16.30 – 17.00)
- Valli Zabban (17.00 – 17.45)
- Icop (17.45 – 18.30)
- Dinner at the Hotel (20.00)

September 10th (Tuesday)

- Transfer to Lecture Hall of the University of Udine library (8.30)

SIIV LECTURES

- Institutional greetings (8.45 – 9.15): Prof. Orazio Baglieri (SIIV President), Prof. Andrea Cafarelli (Vice-Rector, University of Udine), Prof. Alessandro Gasparetto (Head of the Polytechnic Department of Engineering and Architecture, University of Udine).
- Prof. Bernhard Hofko (9.15 – 10.30), Vienna University of Technology
- Coffe break (10.30 – 11.00)
- Prof. Davide Dalmazzo (11.00 – 12.15), Politecnico di Torino
- Prof. Gilda Ferrotti (12.15 – 13.30), Università Politecnica delle Marche
- Light lunch
- Excursion to Udine city center and visiting
- Dinner in Tarcento (Udine surrounding area)
- Transfer to the hotel

September 11th (Wednesday)

- Transfer to Lecture Hall of the University of Udine library (8.30)

SIIV LECTURES

- Prof. Evangelos Manthos (9.00 – 10.15), Aristotle University of Thessaloniki
- Prof. Augusto Cannone Falchetto (10.15 – 11.30), Aalto University

- Light lunch
- Excursion to Trieste city center and visiting
- Dinner in Trieste
- Transfer to the hotel

September 12th (Thursday)

- Transfer to Lecture Hall of the University of Udine library (8.30)

SIIV LECTURES

- Prof. Jan Valentin (9.00 – 10.15), Czech Technical University in Prague
- Prof. Edoardo Bocci (10.15 – 11.30), Università Telematica E-Campus
- Coffe break (11.30 – 12.00)
- Prof. Davide Lo Presti (12.00 – 13.15), Università di Palermo
- Light lunch

Technical WORKSHOP

Lecture Hall of the University of Udine library - Car driving simulation





- Prof. Chris Lee (14.30 – 15.45), University of Windsor
- Technical tour of driving simulator manufacturer VI-grade in Tavagnacco (16.00 – 18.00)
- Transfer to the hotel
- Gala Dinner at Casa della Contadinanza, in the court yard of Udine Castle (20.00)
- Transfer to the hotel

September 13th (Friday)

SIIV ARENA (Hotel meeting room)

- First session (9.00 – 11.00)
- Coffe break (11.00 – 11.30)
- Second session (11.30 – 13.30)
- Closing session (13.30)
- Light lunch

ORGANIZING COMMITTEE

-  Prof. Nicola Baldo, University of Udine
-  Ph.D. Fabio Rondinella, University of Udine
-  Eng. Fabiola Daneluz, University of Udine
-  Eng. Fatemeh Samareh, University of Udine

INTERNATIONAL SCIENTIFIC COMMITTEE

- ✚ Prof. Bernhard Hofko, Vienna University of Technology
- ✚ Prof. Jan Valentin, Czech Technical University in Prague
- ✚ Prof. Evangelos Manthos, Aristotle University of Thessaloniki
- ✚ Prof. Chris Lee, University of Windsor
- ✚ Prof. Augusto Cannone Falchetto, Aalto University
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- ✚ Prof. Gilda Ferrotti, Università Politecnica delle Marche
- ✚ Prof. Orazio Baglieri, Politecnico di Torino
- ✚ Prof. Nicola Baldo, Università di Udine
- ✚ Prof. Felice Giuliani, Università di Parma
- ✚ Prof. Andrea Simone, Università di Bologna
- ✚ Prof. Gianluca Dell'Acqua, Università Federico II di Napoli.
- ✚ Prof. Marco Pasetto, Università degli studi di Padova.

CONTACTS

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REGISTRATION

Please, follow the instructions reported below:

- In the following page, select the type of participation/registration fee.
- In the following page, mark the days you will be attending the SIIV Summer School 2024.
- Send the present registration and the proof of payment to the organizing committee by June 10th, 2024, at the following email address:

siivsummerschool2024@gmail.com

Payment by bank transfer:

Società Italiana Infrastrutture Viarie

IBAN code: IT 10 G 02008 05302 000401199990

BIC/SWIFT code: UNCRITM1158

For PhD students and young researchers attending the Summer School:

- **Registration fee in single room: 580 Euro**
- **Registration fee in double room: 440 Euro**

The Registration fee includes:

- 4 nights' accommodation
 - 4 breakfasts, 4 lunches, 4 dinners and 4 coffee breaks
 - Tourist tax
 - 1 Gala dinner
 - 3 Excursions
 - Attendance at the SIIV Arena
 - Certificate of attendance at the Summer School
-

For SIIV associates, daily participation:

- **Daily Registration fee in single room: 145 Euro**
- **Daily Registration fee per participant in shared double room: 110 Euro**

The daily registration fee includes:

- Night in single/double room
 - Daily breakfast, lunch, dinner and coffee break
 - Tourist tax
 - Daily scheduled activities (Excursions, gala dinner, etc.)
-

Registration Form		
Name		
Surname		
University/Affiliation		
Address		
City		
Mobile Phone		
E-mail		
Type of room (mark with an "x")	<input type="checkbox"/> Single room	<input type="checkbox"/> Double room*
Number and name of the other occupants that will share the room with you		

Type of participation (tick one box in the following row)	
<input type="checkbox"/> SIIV associate	<input type="checkbox"/> PhD student
If participating as a SIIV associate, mark with an "x" the days you will be attending:	
<input type="checkbox"/> Monday, September 9 th	
<input type="checkbox"/> Tuesday, September 10 th	
<input type="checkbox"/> Wednesday, September 11 th	
<input type="checkbox"/> Thursday, September 12 th	

Additional notes for the organizing committee - allergies and intolerances

Notes: * The price for the double room accommodation is intended for single guest in shared room. If the participant wants to book the whole room, the price is twice as shown. Please specify in the additional notes if you intend to share the double room or book the whole double room.