



Politecnico  
di Bari



XXI  
S.I.I.V.  
Summer  
School

# XXI International S.I.I.V. Summer School

## Transportation Infrastructures: pointing to the future

Polytechnic University of Bari

*September 15-19, 2025*



Under the auspices of:



## ■ S.I.I.V. (<https://www.siiiv.it>)

The “Società Italiana di Infrastrutture Viarie” (S.I.I.V.), founded in 1990, represents the academic world of the scientific disciplinary sector “**Roads, railways and airports.**” Its statutory purpose is to promote and facilitate the dissemination of culture and scientific knowledge in the field of transport infrastructures. The S.I.I.V. works with Universities (29 Italian universities associated) and bodies operating in the mobility sector.

## ■ THE SUMMER SCHOOL

Every year S.I.I.V. organizes a Summer School for young researchers and Ph.D. Students belonging to Italian universities aiming at providing insightful updates on the scientific, technical and technological novelties in the transportation infrastructure sector. This year, the **Polytechnic University of Bari** in collaboration with the **University of Salento** is pleased to organize the **XXI S.I.I.V. Summer School (15-19 September 2025)**.

For this event, international and national keynote speakers will talk about the cutting-edge topics in the field of transportation infrastructures.

More than 10 lectures are scheduled. Each lecture will last 60'+15' Q&A



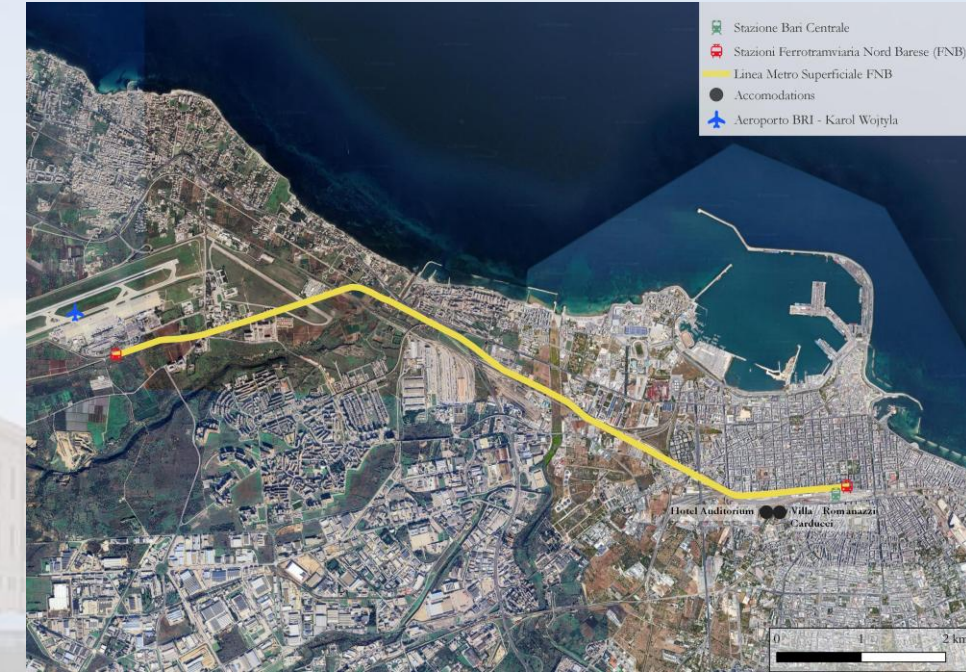
## ■ VENUES AND ACCOMMODATIONS

The XXI International S.I.I.V. Summer School will host students and speakers in two accommodations:

- **Hotel Auditorium Bari** (Via Vittoriano Cimmarrusti, 12, 70124 Bari)
- **Villa Romanazzi Carducci** (Via Giuseppe Capruzzi, 326, 70124 Bari)

Lectures will be held in the **Sala D’Annunzio** at Villa Romanazzi Carducci

One session will be also held at the **Polytechnic University of Bari** and another one at the **University of Salento (Lecce)**



## ■ SCIENTIFIC ORGANIZING COMMITTEE



**Prof. Eng. Vittorio Ranieri**



Politecnico  
di Bari

*Scientific Director*



**Prof. Eng. Nicola Berloco**



Politecnico  
di Bari



**Dr. Eng. Paolo Intini**



UNIVERSITÀ  
DEL SALENTO

DIPARTIMENTO  
DI INGEGNERIA  
DELL'INNOVAZIONE



**Dr. Eng. Stefano Coropulis**



Politecnico  
di Bari



**Eng. Nicola Introcaso**



Politecnico  
di Bari



# PROGRAM

## Monday, September 15th

### Summer School Introduction

at Villa Romanazzi Carducci, Bari

**14:00 – 15:00 Welcome and registration**

**15:00 – 15:30 Summer School Introduction**

Prof. Gianluca Dell’Acqua (S.I.I.V. President),  
Prof. Vittorio Ranieri (Scientific Director of the  
Summer School)

**15:30 – 18:30 Sponsors’ technical workshops**

«Technical and technological advances in  
transportation infrastructures»

**20:30 Dinner**

## Tuesday, September 16th

### Lectern Session: Road Regulations

at Villa Romanazzi Carducci, Bari

**08:45 – 09:00 Institutional greetings**

**09:00 – 10:15 Prof. Giuseppe Cantisani**

(Sapienza, Università di Roma)

«From Theory to Reality: Predictive Road Safety  
with Big Data»

**10:15 – 11:30 Prof. Alfonso Montella**

(Università di Napoli Federico II)

«Road safety standards update»

**11:30 – 12:00 Coffee Break**

**12:00 – 13:15 Prof. Andrea Bosco**

(Università di Bari “Aldo Moro”)

«Risk and Safety Behind the Wheel: The Role of  
Distal and Proximal Psychological Factors in  
Driving Style»

**13:15 – 14:45 Light Lunch**

**14:45 – 16:00 Dr. Biagio Ciuffo**

(European Commission, Joint Research Center)

«The evolving regulatory framework for the  
introduction of automated driving systems in  
the European market»

**20:30 Dinner**

## Wednesday, September 17th

### Lectern Session: Road Perspectives

at University of Salento, Lecce

**07:45 Transfer to the University of Salento**

**9:45 – 10:00 Institutional greetings**

**10:00 – 11:15 Prof. Salvatore Antonio**

**Biancardo (Università di Napoli Federico II)**

«Infrastructure Building Information  
Management (I-BIM)»

**11:15 – 11:45 Coffee Break**

**11:45 – 13:00 Dr. Paolo Intini**

(Università del Salento)

«Advances in road safety research and  
applications»

**13:30 – 15:00 Lunch**

**15:30 – 16:30 SIIV-Futura Meeting**

**16:30 – 19:00 Free tour in Lecce**

**19:00 Transfer to Bari**



# PROGRAM

**Thursday, September 18th:**

**Lectern Session: Airports**

at Villa Romanazzi Carducci

**08:30 – 09:45 Prof. Paola Di Mascio**

(Sapienza, Università di Roma)

«Safety issues in surrounding airport areas»

**09:45 – 11:00 Prof. John Joseph Sansalone**

(University of Florida, Gainesville)

«Next-generation airfield water management and treatment through coupling physical and CFD-ML models»

**11:00 – 11:30 Coffee Break**

**11:30 – 12:30 Eng. Giovanni Di Antonio**

(ENAC – Italian Civil Aviation Authority)

«The evolution of airports into co-located horizontal spaceports»

**12:30 – 13:30 Eng. Donato D’Auria**

(Aeroporti di Puglia)

«The case study of Grottaglie M. Arlotta: the space port facilities integration into airport environment»

**13:30-15:00 Light Lunch**

**Lectern Session: Railways**

**15:00 – 16:15 Prof. Giuseppe Loprencipe**

(Sapienza, Università di Roma)

«Design standards and digital modelling for railway track alignments»

**16:15 – 17:30 Prof. Alessandro Di Graziano**

(Università di Catania)

«Risk-Based Safety Management for Local Railway Systems»

**20:30 Dinner**

**Friday, September 19th:**

**Technical Session: Road test**

at Polytechnic University of Bari, Bari

**09:30 – 12:30 Visit at the MOST/Polytechnic**

**University of Bari Laboratories**

Research activities: **Dr. Margherita Pazzini** (Alma

Mater Studiorum, Università di Bologna), **Dr. Stefano**

**Coropulis** (Politecnico di Bari).

**Sponsored by**



**cobar**  
costruiamo bellezza



ASFALTI  
ED EDILIZIA  
STRADALE

