

DIPARTIMENTO DI INGEGNERIA
CIVILE EDILE E AMBIENTALE



SAPIENZA
UNIVERSITÀ DI ROMA

SIIV SUMMER SCHOOL 2015

ROME (Italy)

7th – 11th September 2015

PRELIMINARY PROGRAM

management and **m**aintenance of Civil Infrastructures

Satisfactory lifetime performance of civil infrastructures requires a cost-competent maintenance and management. All over the world, researchers have been developing and implementing different maintenance management programs to achieve desirable solutions within the budget constraints.

In the SIIV summer school 2015, the topic **m&m** will be addressed focusing on the following contexts:

- Road network
- Railways
- Airports

The **m&m** requires a global evaluation of all the components of transport infrastructures, in order to support the choice of the more convenient strategies. The topics will be presented to the attendance by Italian and foreign professors and engineers with international expertise in **m&m**.

The school gives the opportunity to exchange experience and knowledge among professors and attendees but also among the students. At the end of each day, one-hour session is reserved to the students that are invited to present their researches and communicate the subject at registration. The SIIV Award 2015 for the best research will be given during the Special Dinner on Thursday 10 September.

School Program

7th September 2015 (Monday)

- 13:30 - 14:00 Welcome at the Engineering school, Sapienza University of Rome
- 15:00 – 18:00 Technical tour “Metro C”
- 18:30 - 20:00 Transfer from Rome to the hotel in Santa Severa (RM)
- 20:30 Dinner

8th September 2015 (Tuesday)

ROADS **m&m**

- 8:30 – 9:00 Opening of the school – SIIV President **Prof. Felice Giuliani**
- 9:00 – 10:00 **Raffaele Mauro** – University of Trento, Italy
Ramp-Metering: basic traffic theory and control strategy
- 10:15 – 12:00 **Ana Bastos** – University of Coimbra, Portugal
Microsimulation in urban road networks management
- 12:15 – 13:15 **Andrea Benedetto** – University of Roma Tre, Italy
Research methodologies, tools and paradigms applied to pavement inspection
- 13:30 – 15:00 Lunch
- 15:00 – 16:00 **Luca Bartoccini** – Strada dei parchi s.p.a.
Road maintenance: the case of the A24 highway
- 16:00 – 17:00 Students presentations
- 20:30 Dinner

9th September 2015 (Wednesday)

RAILWAYS **m&m**

- 9:00 – 10:00 **Giuseppe Loprencipe**– University of Rome Sapienza
State of art of standard railway design in Italy
- 10:15 – 12:00 **Coenraad Esveld** - Delft University of Technology, Netherlands
Track Maintenance Optimization
- 12:15 – 13:15 **Gianluca Dell’Acqua** – University of Naples, Italy
High-Speed Rail Track Design using GIS and Multi-Criteria Analysis
- 13:30 – 15:00 Lunch

15:00 – 16:00 **Paola Conti** – RFI
Maintenance of railway track

16:00 – 17:00 Students presentations

20:30 Dinner

10th September 2015 (Thursday)

AIRPORT **m&m**

9:00 – 10:00 **Paola Di Mascio** – University of Rome Sapienza
Safety Areas inside the airport

10:15 – 12:00 **Alberto De Rubeis** – Aeronautica Militare
Water drainage from airport pavement.

12:15 – 13:15 **Andrea Graziani** – University Politecnica delle Marche, Italy
Runway rehabilitation and operational safety: a case study of Marche Airport

13:30 – 15:00 Lunch

15:00 – 16:00 **Costantino Pandolfi** – ENAC
Risk Assessment around Airport

16:00 – 17:00 Guided tour to the Santa Severa castle

20:30 SPECIAL Dinner and SIV Award 2015 Ceremony

11th September 2015 (Friday)

9:30 Transfer from the hotel to Flumicino Airport/Train Station Santa Marinella

Registration

	BEFORE 20/07/2015	AFTER 20/07/2015	
Double room (two registered people usign the same room)	€ 550.00	€ 600.00	
Single room	€ 650.00	€ 700.00	
SIIV Registration fee	€ 50.00	€ 50.00	To be paid by no SIIV members
Only course registration without accomodation, lunches included	€ 600.00	€ 700.00	
Accompanying person	€ 150.00	€ 150.00	Hotel accommodation, dinner included, from Monday 7/09 to Thursday 10/09

The registration includes:

- Accommodation at Pino al mare Hotel;
- Breakfast, Lunch and Dinner (from Monday evening to Friday morning);
- Special dinner (Thursday evening);
- Transfer from Rome to the hotel/ Transfer from the hotel to Fiumicino airport and Train station Santa Marinella;
- Attendance to the Summer school;
- Summer school documents.

An official receipt will be forwarded to all registered delegates upon receipt of full payment.

All registration fees must be paid in Euros.

Extra days in the hotel and special requests should be defined with the Organizing Committee.

Please write to the email: siivsummerschool2015@uniroma1.it

Contact:

Ing. Cristina Tozzo

Email: cristina.tozzo@uniroma1.it

Tel: 0644585114 - 3402390907

The registration requires two steps:

1. The compilation of the FORM A, to be sent to ...
2. The payment of the fee according to the instructions subsequently forwarded.

Registration deadline and Cancellation Policy

Cancellation: The penalty fee will be € 50 before 20/07/2015 and € 250 after 20/07/2015.

Language: the official languages are English and Italian.

WEBSITE: <https://sites.google.com/a/uniroma1.it/siivsummerschool2015>



Scientific and Organizing Committee

University of Rome Sapienza

DICEA –Department of Civil Engineering, Building and Environment

Prof. Antonio D’Andrea, Prof. Paola Di Mascio, Prof. Giuseppe Loprencipe, Prof. Giuseppe Cantisani,

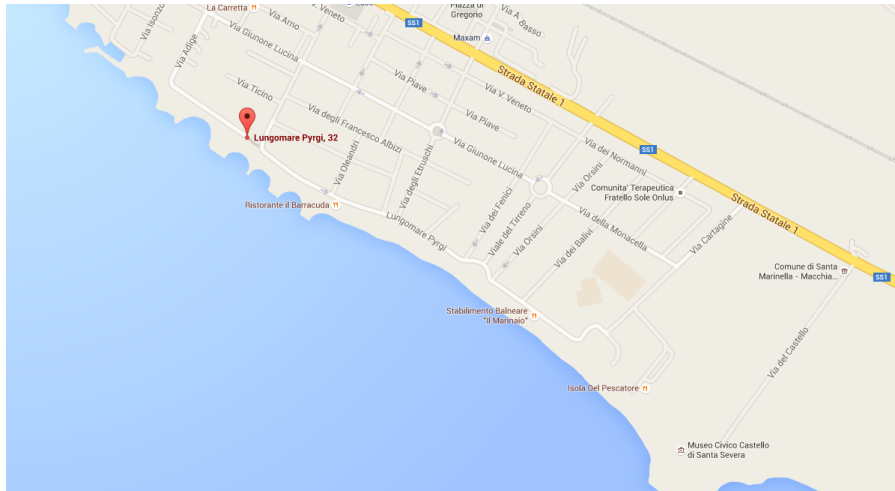
Ing. Cristina Tozzo

Summer School Venue

Pino al Mare

Via Cneo Domizio, 32, 00050 Santa Severa RM

<http://www.pinoalmare.it/>

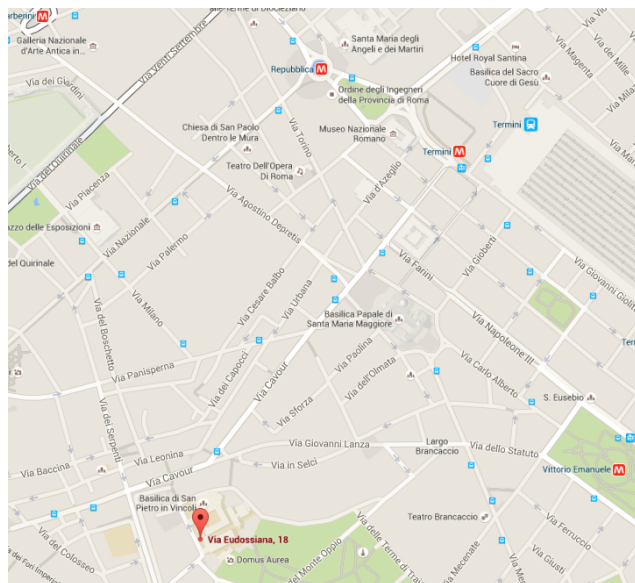


Welcome address

Engineering school, Sapienza University of Rome

Via Eudossiana 18, 00184 Rome Italy

A bus will be available at the registration site for the transfer to the technical tour and the hotel.



PANEL OF LECTURERS:

- **Alberto De Rubeis** – Aeronautica Militare
- **Ana Bastos** – University of Coimbra, Portugal
- **Andrea Graziani** – Università Politecnica delle Marche, Italy
- **Coenraad Esveld** - Delft University of Technology, Netherlands
- **Costantino Pandolfi** – ENAC
- **Andrea Benedetto** – University of Roma Tre, Italy
- **Gianluca Dell’Acqua** – University of Naples , Italy
- **Giuseppe Loprencipe**– University of Rome Sapienza, Italy
- **Luca Bartoccini** – Strada dei parchi s.p.a.
- **Paola Conti** – RFI
- **Paola Di Mascio** – University of Rome Sapienza
- **Raffaele Mauro** – University of Trento, Italy

SIIV SUMMER SCHOOL 2015 - ROME (Italy)

7th – 11th September 2015

FORM A, REGISTRATION

PERSONAL DATA:

Prof Dr Mr Mrs Ms Other (please specify) _____

<i>First name</i>			
<i>Last name</i>			
<i>Job title</i>			
<i>Company name</i>			
<i>Department</i>			
<i>Mailing address</i>			
<i>Postal Code and City</i>			
<i>Country</i>			
<i>Telephone and Fax</i>			
<i>Email</i>			
<i>Hotel booking</i>	<i>Check-in date</i>		<i>Check-out date</i>
<i>Accompanying person</i>			

REGISTRATION FEES per person (Please check as appropriate):

	BEFORE 20/07/2015	AFTER 20/07/2015	
Double room (two registered people usign the same room)	<input type="checkbox"/> € 550.00	<input type="checkbox"/> € 600.00	
Single room	<input type="checkbox"/> € 650.00	<input type="checkbox"/> € 700.00	
SIIV Registration fee	<input type="checkbox"/> € 50.00	<input type="checkbox"/> € 50.00	To be paid by no SIIV members
Only course registration without accomodation, lunches included	<input type="checkbox"/> € 600.00	<input type="checkbox"/> € 700.00	
Accompanying person	<input type="checkbox"/> € 150.00	<input type="checkbox"/> € 150.00	Hotel accommodation, dinner included, from Monday 7/09 to Thursday 10/09

PAYMENT DETAILS:

Payment may be made by bank transfer to:

Account name: ASSOCIAZIONE SOC.ITALIANA INFRASTRUTTURE VIARIE
IBAN: IT10G0200805302000401199990
Swift: BROMITR1158
Reference: Please specify your name and SIIV Summer school 2015 as payment reference.

Please transfer the total amount in euros net of all bank charges.

GENERAL CONDITIONS AND CANCELLATION POLICY:

All registration form must be completed with the payment details and be sent to the Summer School secretariat at the address mentioned below.

- Registration fees has to be full paid.
- An official receipt will be forwarded to all registered delegates upon receipt of full payment.
- All registration fees are payable in euros.
- Registration fees include: Accommodation at Pino al mare Hotel; Breakfast, Lunch and Dinner (from Monday evening to Friday morning); Special dinner (Thursday evening); Transfer to/from the hotel; Attendance to the Summer school; Summer school documents.

Accompanying person: For the accompanying person the fees include Hotel accommodation, with half board, from Monday 7/09 to Thursday 10/09. Accompanying person does not have access to the Summer School sessions.

Cancellation/refunds: Any cancellation of registration must be made in writing to the Summer School secretariat to the mail address mentioned below.

The refund of registration fees per delegate is as follow:

The penalty fee will be € 50 before 20/07/2015 and € 250 after 20/07/2015.

Accommodation: Extra days in the hotel and special requests should be defined with the Organizing Committee.

Date: _____

Signature: _____

For further inquiries:

siivsummerschool2015@uniroma1.it

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