



UNIVERSITÀ
DEGLI STUDI
DI PADOVA

SIIV SUMMER SCHOOL 2013 – PADOVA (Italy)
9th-13th September 2013

Innovative Research on Materials and Technologies for Transport Infrastructures

SIIV - Italian Society of Road Infrastructure and the Dept. of Civil, Environmental and Architectural Engineering of the University of Padova organize the "2013 Summer School", that will be held at Relilax-Miramonti Hotel in Montegrotto Terme (a famous watering place near Padova) from 9th to 13th September.

The 11th Summer School is a full-time weekly educational event organized for Italian and foreign post-graduated young researchers, in order to encourage their scientific skills, thanks to seminars and lessons delivered by the most excellent academic authorities.

This year the Summer School will concern "Innovative Research on Materials and Technologies for Road Infrastructures".

It will be also completed with the 2nd International Workshop on "the use of marginal materials in road construction" (the 4th on the topic in Padova).

We look forward to see you on the 9th September.

La SIIV - Società Italiana Infrastrutture Viarie, con il Dipartimento di Ingegneria Civile, Edile e Ambientale dell'Università di Padova, organizza la Summer School 2013, che si terrà presso Relilax-Miramonti Hotel in Montegrotto Terme (PD).

La SIIV Summer School è un corso residenziale intensivo, giunto alla undicesima edizione, in cui vengono presentati, da relatori di massima qualificazione scientifica, temi di attuale e specifico interesse per i ricercatori della disciplina ICAR/04 "Strade, Ferrovie e Aeroporti".

In questa edizione, che avrà veste internazionale, saranno affrontati e approfonditi gli sviluppi di temi di ricerca sui materiali e le tecnologie per le infrastrutture di trasporto.

La Summer School si concluderà con il 4° Workshop (2° Internazionale) relativo a "L'uso dei materiali marginali nelle costruzioni stradali".

Vi aspettiamo il 9 Settembre!

Prof. Marco Pasetto
SIIV President, Organizing Committee



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SCHOOL PROGRAM:

9th September 2013 (Monday)

13,30 – 14,30:

Registration

14,30 – 14,45:

Opening of the School: Prof. Marco Pasetto (SIIV President, Organizer)

14,45 – 16,30:

Prof. André A.A. Molenaar

Fatigue Testing of Asphalt Mixtures, influence of type of test, testing mode and specimen size

16,30 – 16,45:

Coffee break

16,45 – 18,30:

Prof. Terhi Pellinen

Asphalt mix design and its importance for pavement performance

20,00:

Dinner

10th September 2013 (Tuesday)

08,45 – 10,30:

Prof. André A.A. Molenaar

Prediction of noise (by model) produced on thin surface layers from the mixture composition and its stiffness

10,30 – 10,45:

Coffee break

10,45 – 12,30:

Prof. Terhi Pellinen

Pavement performance and design issue

13,00:

Lunch



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14,30 – 16,15:
Prof. Kim Jenkins
Soil stabilization

16,15 – 16,30:
Coffee break

16,30 – 18,15:
Prof. Kim Jenkins
Cold recycling

20,00:
Dinner

11th September 2013 (Wednesday)

08,45 – 10,30:
Prof. Andrew Collop
Vehicle-pavement interaction

10,30 – 10,45:
Coffee break

10,45 – 12,30:
Prof. Andrew Collop
Modelling the deformation behaviour of asphalt mixtures

13,00:
Lunch

14,30 – 16,15:
Thomas J. Yager
Measurement of runway/highway pavement surface friction performance

16,15 – 16,30:
Coffee break

16,30 – 18,15:
Thomas J. Yager
Evaluation of Aircraft Ground Handling Performance

20,00:
Dinner



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12th September 2013 (Thursday)

08,45 – 10,30:

Prof. Antonio Gomes Correia

Geotechnical aspects related to roads, railways and airport construction

10,30 – 10,45:

Coffee break

10,45 – 12,30:

Prof. Antonio Gomes Correia

Design and construction of pavement and rail tracks

13,00:

Lunch

14,30 – 16,15:

Dr. Martin Hugener

Low Temperature Characterization of Binders and Experience with Vegetable Based Rejuvenators

16,15 – 16,30:

Coffee break

16,30 – 18,15:

Dr. Martin Arraigada

Innovative Accelerating Pavement Testing Linked to Structural Assessment

20,00:

Dinner

13th September 2013 (Friday)

09.30 – 13,00:

2nd International Workshop "The use of marginal material in road construction"

13,00 – 13,15:

Closing of the School and attendance certificate awarding

13,15:

Lunch

At the end of each session, a discussion about the topics presented will be scheduled.



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PANEL of LECTURERS

Martin ARRAIGADA

Topic Leader, Road Engineering Team, EMPA, Dübendorf, Switzerland

Andrew COLLOP

Professor, Pro Vice-Chancellor and Dean of the Faculty of Technology, De Montfort University, Leicester, UK.

Antonio GOMES CORREIA

Professor, Department of Civil Engineering, University of Minho, Guimarães, Portugal

Martin HUGENER

Deputy Head, Road Engineering Team, EMPA, Dübendorf, Switzerland

Kim JENKINS

Professor of Civil Engineering, SANRAL Chair in Pavement Engineering, Stellenbosch University, South Africa

Andre A.A. MOLENAAR

Professor, Department of Road and Railway Engineering, Road Engineering, TU Delft.

Terhi PELLINEN

Professor, Head of Civil and Environmental Engineering Study Program, Aalto University
Department of Civil and Environmental Engineering, Aalto, Finland

Thomas J. YAGER

Distinguished Research Associate, NASA Langley Research Center, Hampton, VA, USA



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REGISTRATION

	Before 2013/09/02	After 2013/09/02	
Double room (two registered people using the same room)	€ 650	€ 720	
<i>reduced fee</i>	€ 550	€ 620	<i>SIIV members, Students, University affiliates</i>
Single room	€ 720	€ 800	
<i>reduced fee</i>	€ 620	€ 700	<i>SIIV members, Students, University affiliates</i>
Only Course registration without Accommodation, coffee breaks and lunches included	€ 600	€ 700	
<i>reduced fee</i>	€ 400	€ 500	<i>SIIV members, Students, University affiliates</i>
Accompanying person	€ 150	€ 150	Hotel accommodation, dinner included, from Monday 09/09 to Thursday 09/12
SIIV registration fee	€ 50	€ 50	To be paid by no SIIV members

The registration includes:

- Accommodation at Relilax Miramonti Hotel (if selected)
- Breakfast, Lunch and Dinner (from Monday afternoon to Friday afternoon)
- Coffee breaks
- Attendance to the Summer School and Workshop
- Summer School Documents
- **Relilax Card: Free entrance (9,00 to 23,30) to the Thermal Wellness area, Spa, swimming pool, fitness center, bike rent.**

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



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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: ss2013@dicea.unipd.it.

Or contact Dr. Giovanni Giacomello – Tel: +39 049/8275568; Fax: +39 049/8275568 (after 2013/08/19) .

The registration requires two steps:

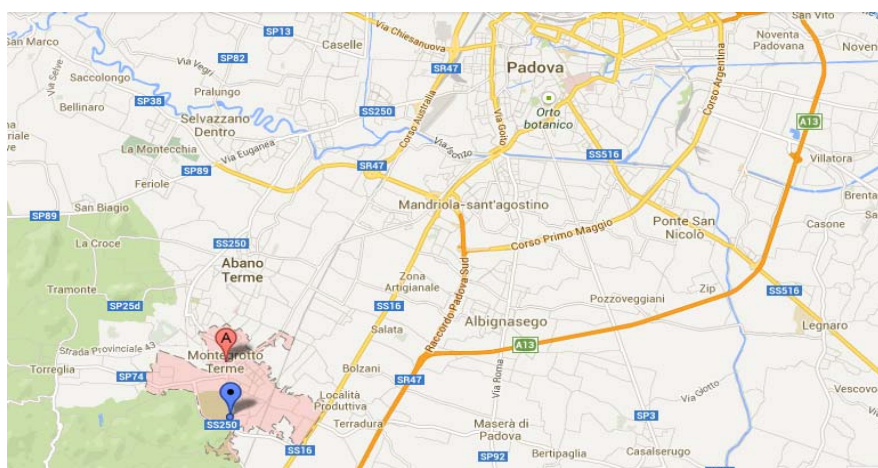
1. the compilation of the following form A, to be sent to ss2013@dicea.unipd.it before 2013/09/05.
2. the payment of fee according to the instructions subsequently forwarded.

Registration deadline and Cancellation Policy

The number of participants is limited to 30. Acceptance will be on first-come, first-served basis. Cancellation: the penalty fee will be € 50 before 2013/09/05 and € 250 after 2013/09/05.

Language: the official language is English

Summer School Venue at Relilax Miramonti Hotel, Montegrotto Terme (PD), link: <http://relilax.com/>



Tourist information at:

http://www.turismopadova.it/destinazioni-en/le-terme-euganee?set_language=en&cl=en

Organizing Committee:

Prof. Marco Pasetto
Dr. Giovanni Giacomello

University of Padova,
Dept. of Civil, Environmental and Architectural Engineering - ICEA
Via Marzolo, 9
Italy, 35131 PADOVA PD



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FORM A, REGISTRATION

☐ Prof ☐ Dr ☐ Mr ☐ Mrs ☐ Ms ☐ Other (please specify) _____

First name			
Last name			
Job title			
Company name			
Department			
Mailing address			
Postal Code and City			
Country			
Telephone and fax			
Email			
Hotel booking	Check in date		Chek out date
Accompanying person			

	Before 2013/09/02	After 2013/09/02	
Double room (two registered people using the same room)	<input type="checkbox"/> € 650	<input type="checkbox"/> € 720	
reduced fee	<input type="checkbox"/> € 550	<input type="checkbox"/> € 620	<i>SIIV members, Students, University affiliates</i>
Single room	<input type="checkbox"/> € 720	<input type="checkbox"/> € 800	
reduced fee	<input type="checkbox"/> € 620	<input type="checkbox"/> € 700	<i>SIIV members, Students, University affiliates</i>
Only Course registration without Accommodation, coffee breaks and lunches included	<input type="checkbox"/> € 600	<input type="checkbox"/> € 700	
reduced fee	<input type="checkbox"/> € 400	<input type="checkbox"/> € 500	<i>SIIV members, Students, University affiliates</i>
Accompanying person	<input type="checkbox"/> € 150	<input type="checkbox"/> € 150	Hotel accommodation, dinner included, from Monday 09/09 to Thursday 09/12
SIIV registration fee	<input type="checkbox"/> € 50	<input type="checkbox"/> € 50	To be paid by no SIIV members