

Summer School on “The European Railway System” at Sapienza University of Rome

SCHEDULE

Day	Time	Activities
Wednesday 10/07/2024	15-16.30	Room 1 - Welcome event <ul style="list-style-type: none"> Introductory speeches by: <ul style="list-style-type: none"> Francesco Napolitano (<i>Sapienza University of Rome</i>) Angela Di Febbraro (<i>University of Genoa and STAFFER Coordinator</i>) Italian STAFFER partner companies: Vito Pagliarisi (<i>Ferrovie dello Stato Italiane</i>), Pietro Marmo (<i>Hitachi Rail</i>), Marco Barale (<i>Alstom</i>) Reciprocal presentations by students and teachers
	16.30-18.30	Room 1 - “A sustainable, safe European transport system without frontiers” – Anna Gigantino (<i>ERA - European Agency for Railways</i>)
	19-20.30	Faculty Cloister - Social dinner
Thursday 11/07/2024	9-13	Room 15 - “Interoperability of the European railway system” – Anna Gigantino (<i>ERA - European Agency for Railways</i>)
	15-18	Guided visit of RFI traffic control centre at Roma Termini station
Friday 12/07/2024	8-19	<ul style="list-style-type: none"> Roma-Napoli transfer by high-speed train Seminar on historical, cultural and touristic activities of Fondazione FS with a focus on the adaptation of historic rolling stock to modern control command and signalling systems Guided visit of the historical-technical national railway museum in Pietrarsa Transfer Napoli-Roma transfer by high-speed train
Saturday 13/07/2024	-	Free time
Sunday 14/07/2024	-	Free time
Monday 15/07/2024	9-13	Room 15 - “Historical evolution of railway signalling system in Italy towards ERTMS/ETCS” – Riccardo Licciardello (<i>Sapienza University of Rome</i>)
	15-18	Visit to Alstom “command, control and signalling systems” laboratory in Rome
	21-22.30	Forum of Caesar show: journey through ancient Rome
Tuesday 16/07/2024	9-12	Room 15 - “Safety management and risk assessment in European railways” – Marco Antognoli, Luca Rizzetto (<i>Sapienza University of Rome</i>)
	12-13	Room 15 - Railway Engineering Education in Europe: experiences from Erasmus+ projects, Stefano Ricci (<i>Sapienza University of Rome</i>)
	15-18	Guided visit of Trenitalia and RFI operation control rooms
Wednesday 17/07/2024	9-11	“Sustainable Powertrains and Green Mobility in Rail Transport” – Khaled Itani (<i>Le Cnam</i>)
	11-13	“Difficult choices – which alternative for which application?” – Michael Lehmann (<i>University of Applied Science Erfurt</i>)
	15-18	Guided technical visit of control centre and depot of the fully automated metro line C
Thursday 18/07/2024	9.30-17.30	Roma- Napoli Afragola transfer by high-speed train Guided visit to construction sites of the new Napoli-Bari high-speed railway line Napoli Afragola-Roma transfer by high-speed train
Friday 19/07/2024	9-13	Guided visit of Trenitalia maintenance facility and regional train dynamic driving simulator at Roma Smistamento
	14-16	Room 15 - Interactive session with individual impressions of students