PROGRAM as of April 29, 2025.

Week 1:	Introduction, sustainability, risks. Structural reliability, robustness, optimization.			
Day	Morning		Afternoon	Location / event
3/5 Saturday	Early arrival in São Paulo city		Early arrival in São Paulo city	
4/5 Sunday	Arrival in São Paulo city		19:00 – 22:00 Reception in São Paulo city: Icebreaker BBQ Dinner	
5/5 Monday	8:00 – 8:20: Opening session. 8:20 to 11:45: Mark G. Stewart: "Climate change impact on built infrastructure, sustainability, and risk-based approaches to climate resilience"	Lunch Sweden	13:30 – 17:30: Paolo Gardoni: "Sustainable and resilient critical infrastructure"	Poli USP Auditório Francisco Romeu Landi
6/5 Tuesday	8:00 – 11:00: Commuting to São Carlos & Fast hotel check-in.	12:30 Lunch USP	13:30 – 17:30: Túlio N. Bittencourt: "Monitoring of Civil Infrastructure for Reliability and Resilience"	17:30 - 18:00: PS1
7/5 Wednesday	8:00 – 12:00: André J. Torii: "Structural Reliability Methods: an Overview"	Lunch USP	13:30 – 17:30: Rafael H. Lopez : "Efficient approaches for the minimization of expected value functions"	17:30 - 18:00: PS2a 20:00 BBQ
8/5 Thursday	 8:00 – 8:20: H.B.Coda FAPESP presentation 8:20 – 12:00: André T. Beck: "Optimal redundancy and optimal robustness of building structures" 	Lunch USP	13:30 – 17:30: Vanderley M. John: "Climate Change and Infrastructure: Mitigation and Resilience"	17:30 – 18:00: PS2b
9/5 Friday	8:00 – 12:00: Jochen Köhler : "Future Structural Codes: Navigating Safety and Sustainability in Design"	Lunch USP	 13:30 – 15:00: Cristoforo Demartino: "Proactive Climatic Forecasting for Resilient Infrastructure: Integrating ML, Digital Twins, and Real-Time Sensing" 15:00 – 17:30: Brainstorming session and project development I: students discuss and develop potential applications and/or research project sketch with lecturers 	17:30 - 18:00: PS3
10/5, Satur.	Day off		Day off	
11/5, Sunday	Day off		Day off	
Week 2:	Structural Dynamics, Performance-based Engineering tools			
12/5 Monday	8:00 – 12:00: Mauricio Sanchez-Silva: "Modeling the built environment as Dynamic Systems for Reducing CO2 Emissions"	Lunch USP	13:30 – 17:30: Gustavo H. Siqueira: "Performance-based Design of Bridges and Buildings under Seismic Actions"	17:30 - 18:00: PS4
13/5 Tuesday	8:00 – 12:00: Seymour M. J. Spence: "Reducing Emissions by Performance-based Wind Design"	Lunch USP	13:30 – 17:30: Leandro F. F. Miguel: "Performance-based Design of Transmission Lines and TMD equipped buildings"	17:30 – 18:00: PS5
14/5 Wednesday	8:00 – 12:00: Ioannis A. Kougioumtzoglou : "Stochastic Engineering Dynamics"	Lunch USP	 13:30 – 14:30: Eduardo M. Mendiondo: "Blue-Green Infrastr. Design and Operation Under Global Changes: the Wild, the Weird and the Wonderful" 14:30 – 17:30: Brainstorming session and project development II: students discuss and develop potential applications and/or research project sketch with lecturers 	19:30 Farewell BBQ
15/5 Thursday	8:00 – 12:00: Commuting to São Paulo and GRU		Afternoon departures	Late evening departures
16/5 Friday	Morning departures		Afternoon departures	

PS = Poster Sessions:

PS1: Climate change, infrastructure resilience, sustainability.

PS2: Reliability analysis, design codes, robustness, progressive collapse, optimization.

PS3: SHM, structural materials.

PS4: Performance-based Engineering.

PS5: Structural Dynamics.