Bauhaus Summer School 2023 Virtualization, Visualization and Validation of Urban and Structural Building Responses

Bauhaus-Universität Weimar

Faculty of Civil Engineering

19th Aug. - 2nd Sept. 2023

Time Schedule

	Monday	Tuesday	Wednesday	Thursday	Friday	Sat./Sun.	
	Aug 21 st	Aug 22 nd	Aug 23 rd	Aug 24 th	Aug 25 th	Aug 26 th /27 th	
	Opening 2023		nug 25	Ady 24	-	Aug 20 727	
09:00 - 10:30	Project 3 Nonlinear modelling and analysis of unreinforced masonry structures L. Abrahamczyk (BUW)	Performance based design of steel buildings in combined wind and earthquake environments A. Athanasiou (BUW)		Stress and Deformation Control of Structures N. Saeed (TIU)	Structural Health Monitoring using Inverse Analysis in Application to the Masonry Dams L. Nguyen Tuan (BUW)		
	Communication break		Project Work	Communication break			
11:00 - 12:30	Project 2 Modelling of large deformations in geotechnical engineering <i>P. Staubach (BUW)</i>	Tuned Mass Dampers in Highly Sensitive Environment – Theory and Practical Application L. Moschen (EBNER-ZT), F. Falkner (MCI) & Ch. Meinhardt (GERB)		On the mechanical behavior of masonry infilled RC frames D. Penava (UNIOS)	Structural Health Monitoring using Inverse Analysis in Application to the Masonry Dams L. Nguyen Tuan (BUW)		
	Lecture Hall C	Lecture Hall D	Project Pools	Lecture Hall D	Lecture Hall D		
	Lunch						
13:30 - 15:00	Project 1 Use of Polymer- Modified Concretes (PCC) for Innovative Refurbishment Solutions <i>A. Flohr (BUW)</i>	Project Work	Project Work	Project Work	Optical schlieren techniques for visualization of indoor airflows A. Wakoya Gena (BUW)	Cultural events and program as part of the Bauhaus Summer School 2023	
	Lecture Hall C	Project Pools		Lecture Hall D			
15:30 - 17:00	Self study	Self study Modules 2-4 German Culture	Project Work	Self study Modules 2-4 German Culture	Laboratory Tour (Department of Building Physics) Modules 2-4 German Culture		
	Lecture Hall C		Project Pools		Lecture Hall D		
	BSS 17:30 Weimar City History Tour	BSS 17:15 Bauhaus walk	BSS 19:00 International Food Evening	BSS 20:00 Meeting	BSS 18:00 Mixed Sports		
	FE 19:00 ICEBREAKER PARTY	BSS 21:00 Cinema "OVACIK"		people and drinks	Night		
	Kassetrum	Mon Ami	University Campus	Reservebank bar	Sporthalle Falkenburg		

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday		
	Aug 28 th	Aug 29 th	Aug 30 th	Aug 31 th	Sep 1 st	Sep 2 nd		
09:00 - 10:30	Project work	Seismic hazard assessment of large opencast mine slopes in the Rhenish lignite mining area Dr. Jan Machacek von der (TU Darmstadt)	Presentation by Participants		Presentation of Project Works			
	Communication break	Communication break	Communication break	Project Work	Communication break			
11:00 - 12:30	Project work	BIM C. Koch (BUW)	Presentation by Participants		Preparation of Final Report			
	Project Pools	Lecture Hall D	Lecture Hall D	Project Pools	Lecture Hall D			
	Lunch							
13:30 - 15:00	Project Work	Project work	Excursion Castle Weimar TBD	Preparing of Presentation	Preparation of Final Report Open Ateliers Presentation	Departure		
15:30 - 17:00					Open Ateliers			
	Project Pools	Project Pools		Project Pools	TBD			
	BSS 17:00 Bauhaus Parade Workshop	BSS 21:00 Candle Light Picnic Night	BSS Good evening Yoga	BSS 18:00 Bauhaus Parade	FE 18:00 Certficates and farewell			
	BSS 21:00 International Karaike Night				BSS 20:00 Farewell Party			
	Mascha	Park an der Ilm	Park an der Ilm	TBD	TBD			

Update: 16/08/2023