

ARRIVAL | SUNDAY AUGUST 25

Time	Location	Course/Event
14.30 – 19.30 h	Hall of the Casa de E.	Informal get together
19.30 – 20.30 h	Canteen of the Casa de E.	Dinner

DAY 1 | MONDAY AUGUST 26

Time	Course/Event	Teachers/Lecturers
8.30 – 9.15 h	Breakfast	
9.30 – 10.00 h	Course Opening	
10.00 – 10.30 h	Historic masonry architecture: geometry and equilibrium	S. Huerta
10.30 – 11.00 h	New tools for masonry reviving the old approach	M. Angelillo
11.00 – 11.30 h	Historic masonry structures facing earthquakes	G. de Felice
11.30 – 12.00 h	Coffee Break	
12.00 – 13.00 h	Introduction to Field Work Presentation of the case studies	A. Gerges, F. Orozco, F. Rodriguez, A. Weichbrodt
13.00 – 14.00 h	Lunch	
15.00 – 16.30 h	Field work Visit to case studies.	Teachers and Tutors
16.30 – 17.00 h	Coffee Break in the City Centre	
17.00 – 18.15 h	Field work Visit to case studies.	Teachers and Tutors
18.15 – 19.30 h	Lecture (online) The art of Masonry Construction	J. Ochsendorf
19.30 – 20.30 h	Dinner	
20.30 – 22.00 h	Lecture The Theory of Survey 1	A. Bortot, P. Fuentes, R. Guerra

DAY 2 | TUESDAY AUGUST 27

Time	Course/Event	Teachers/Lecturers
8.30 – 9.15 h	Breakfast	
9.30 – 11.00 h	Basic Theory Material masonry. Heyman's principles of limit analysis. Equilibrium and thrust lines. Arches. Cracks. Collapse of arches.	S. Huerta
11.00 – 11.30 h	Coffee Break	
11.30 – 13.00 h	Basic Theory Limit analysis, safety. Buttresses. Case Study: The Church of Guimarei.	S. Huerta
13.00 – 14.00 h	Lunch	
15.00 – 16.30 h	Lecture Digital Drawing 1	A. Bortot, P. Fuentes, R. Guerra
16.30 – 17.00 h	Coffee Break	
17.00 – 19.30 h	Field work Visit to case studies.	Teachers and Tutors
19.30 – 20.30 h	Dinner	
20.30 – 22.00 h	Field work Group work on case studies	

DAY 3 | WEDNESDAY AUGUST 28

Time	Course/Event	Teachers/Lecturers
8.30 – 9.15 h	Breakfast	
9.30 – 11.00 h	Basic Theory The Gothic Structure. Flying buttresses and cross vaults. Case Study: The stability of the Cathedral of Palma de Mallorca	S. Huerta
11.00 – 11.30 h	Coffee Break	
11.30 – 13.00 h	Basic Theory Towers & Spires. Rose windows. Flat vaults. Case Studies: The Towers of the Obradoiro (Cathedral of Santiago de Compostela), Flat vaults some case studies	S. Huerta
13.00 – 14.00 h	Lunch	
15.00 – 16.30 h	Lecture Digital Drawing 2	A. Bortot, P. Fuentes, R. Guerra
16.30 – 17.00 h	Coffee Break	
17.00 – 18.15 h	Equilibrium analysis Graphic Statics	TBA
18.15 – 19.30 h	Equilibrium analysis Graphic Statics	TBA
19.30 – 20.30 h	Dinner	
20.30 – 22.00 h	Field work Group work on case studies	

DAY 4 | THURSDAY AUGUST 29

Time	Course/Event	Teachers/Lecturers
8.30 – 9.15 h	Breakfast	
9.30 – 11.00 h	Advanced Theory	M. Angelillo
11.00 – 11.30 h	Coffee Break	
11.30 – 13.00 h	Advanced Theory	M. Angelillo A. Iannuzzo
13.00 – 14.00 h	Lunch	
15.00 – 16.30 h	Case Studies: Mexico Followed by Discussion	F. Orozco
16.30 – 17.00 h	Coffee Break	
17.00 – 19.30 h	Field Work Group work on digital restitution and drawing	Teachers and Tutors
19.30 – 20.30 h	Dinner	
20.30 – 22.00 h	Field Work Group work on digital restitution and drawing	Teachers and Tutors

DAY 5 | FRIDAY August 30

Time	Course/Event	Teachers/Lecturers
8.30 – 9.15 h	Breakfast	
9.30 – 11.00 h	Advanced Theory	A. Montanino A. Amendola
11.00 – 11.30 h	Coffee Break	
11.30 – 13.00 h	Sustainability Followed by Discussion	V. Paris C. Olivieri
13.00 – 14.00 h	Lunch	
15.00 – 16.30 h	Field Work Group work on digital restitution and drawing	Teachers and Tutors
16.30 – 17.00 h	Coffee Break	
17.00 – 18.15 h	Invited Lecture TBA	S. Adrianssens
18.15 – 19.30 h	Lecture Tile vaulting: actual possible uses both in restauration and new buildings	E. Redondo C. Martin
19.30 – 20.30 h	Dinner	

DAY 6 | SATURDAY August 31

Time	Course/Event	Teachers/Lecturers
8.30 – 9.15 h	Breakfast	
9.30 – 13.00 h	Tile vaulting workshop	C. Martin, E. Redondo
13.00 – 14.30 h	Lunch	
14.30 – 19.00 h	Visit Segovia and Segovia Historical surroundings The Alcazar	Teachers and Tutors
19.30 – 20.30 h	Dinner	

DAY 7 | SUNDAY SEPTEMBER 1

Time	Course/Event	Teachers/Lecturers
8.30 – 9.15 h	Breakfast	
9.30 – 13.00 h	Tile vaulting workshop	C. Martin, E. Redondo
13.00 – 19.30 h	Free Afternoon: Picnic Lunch	
19.30 – 20.30 h	Dinner	

DAY 8 | MONDAY SEPTEMBER 2

Time	Course/Event	Teachers/Lecturers
8.30 – 9.15 h	Breakfast	
9.30 – 11.00 h	Advanced Theory Seismic assessment	G. Zuccaro
11.00 – 11.30 h	Coffee Break	
11.30 – 13.00 h	Advanced Theory Seismic assessment	G. de Felice
13.00 – 14.00 h	Lunch	
15.00 – 16.30 h	Lecture Demo of COMPAS Masonry toolbox	Block R.G.
16.30 – 17.00 h	Coffee Break	
17.00 – 18.15 h	Lecture Demo of COMPAS Masonry toolbox	Block R.G.
18.15 – 19.30 h	Invited Lecture TBA	A. Amorosi
19.30 – 20.30 h	Dinner	
20.30 – 22.00 h	Field work Group work on case studies	

DAY 9 | TUESDAY SEPTEMBER 3

Time	Course/Event	Teachers/Lecturers
8.30 – 9.15 h	Breakfast	
9.30 – 13.00 h	Advanced Theory Seismic assessment	G. de Felice
13.00 – 14.00 h	Lunch	
15.00 – 16.30 h	Advanced Theory Seismic assessment and retrofitting, Followed by Discussion	M. Sangirardi P. Meriggi
16.30 – 17.00 h	Coffee Break	
17.00 – 18.15 h	Field work Group work on case studies	
18.15 – 19.30 h	Invited Lecture (online) TBA	M. De Jong
19.30 – 20.30 h	Dinner	
20.30 – 22.00 h	Field work Group work on case studies	

DAY 10 | WEDNESDAY SEPTEMBER 4

Time	Course/Event	Teachers/Lecturers
8.30 – 9.15 h	Breakfast	
9.30 – 11.00 h	Advanced Theory	A. Iannuzzo A. Montanino
13.00 – 14.00 h	Lunch	
15.00 – 16.00 h	Advanced Theory	A. Iannuzzo A. Montanino
16.00 – 17.00 h	Invited Lectures	TBA
17.00 – 17.30 h	Coffee Break	
17.30 – 19.00 h	Field work Group work on case studies	Teachers and Tutors
19.00 – 19.30 h	Invited Lectures Dynamic analysis of block masonry structures under seismic excitation	N. Nodargi
19.30 – 20.30 h	Dinner	
20.30 – 22.00 h	Field work Group work on case studies	

DAY 11 | THURSDAY SEPTEMBER 5

Time	Course/Event	Teachers/Lecturers
8.30 – 9.15 h	Breakfast	
9.30 – 11.00 h	Field Work Group work on Structural Analysis	Teachers and Tutors
11.00 – 11.30 h	Coffee Break	
11.30 – 13.00 h	Field Work Group work on Structural Analysis	Teachers and Tutors
13.00 – 14.00 h	Lunch	
15.00 – 16.30 h	Field Work Group work on Structural Analysis	Teachers and Tutors
16.30 – 17.00 h	Coffee Break	
17.00 – 18.15 h	Field Work Group work on Structural Analysis	Teachers and Tutors
18.15 – 19.30 h	Field Work Group work on Structural Analysis	Teachers and Tutors
19.30 – 20.30 h	Dinner	
20.30 – 22.00 h	Field work Group work	

Time	Course/Event	Teachers/Lecturers
8.30 – 9.15 h	Breakfast	
9.30 – 10.00 h	Lecture Experimental aspects of masonry dynamicsLecture	A.Fraddosio
10.00 – 11.00 h	Field Work Group work on Structural Analysis	Teachers and Tutors
11.00 – 11.30 h	Coffee Break	
11.30 – 13.00 h	Field Work Group work on Structural Analysis	Teachers and Tutors
13.00 – 14.00 h	Lunch	
15.00 – 16.30 h	Field Work Group work on Structural Analysis	Teachers and Tutors
16.30 – 17.00 h	Coffee Break	
17.00 – 18.15 h	Lecture The analysis and evaluation of complex monumental buildings	Antonello De Luca
18.15 – 19.30 h	Lecture TBA	John Ochsendorf
19.30 – 20.30 h	Dinner	
20.30 – 22.00 h	Field Work Group work on Structural Analysis	Teachers and Tutors

DAY 13 | SATURDAY SEPTEMBER 7

Time	Course/Event	Teachers/Lecturers
8.30 – 9.15 h	Breakfast	
9.30 – 11.00 h	Field Work Group work	Teachers and Tutors
11.00 – 11.30 h	Coffee Break	
11.30 – 13.00 h	Students' Final Presentations Group work on Structural Analysis	Teachers and Tutors
13.00 – 14.00 h	Lunch	
15.00 – 16.30 h	Students' Final Presentations Group work on Structural Analysis	Teachers and Tutors
16.30 – 17.00 h	Coffee Break	
17.00 – 19.00 h	Tile vaulting workshop Vault tested to collapse. "Rubble beer party" (to dispose the resulting materials)	C. Martin, E. Redondo
20.00 – 23.00 h	Social Dinner	

DEPARTURE | SUNDAY SEPTEMBER 8

Time	Course/Event
8.30 – 9.15 h	Breakfast
9.00 – 13.00 h	Farewell and Departures