SUCOS 2013/2015- 2E5 Advanced Design of Glass Structures

Date	Lectures: 8.30-10.00 2E5	Lectures: 10.30-12.00 2E5	Design Applications:14.00-16.00 TP	Practice (individual work) 16.00-18.00
21.05	Historical highlights, production and material characterization	Glass strengthening methods imposed favourable pre-stress field methods	Design of a glass column	
22.05	Laminated glass and interlayers	Insulated glass units	Design of a compressed glass element	
23.05	Fire resistant glass, photovoltaic glass, aesthetic coating	Fracture strength of glass, testing methods	Design of a glass fin	
weekend				
26.05	General design guidelines	Design of bent glass members	Design of glued T-beam	
27.05	Design of compressed glass members	Design of plated structures	Design of hybrid steel – glass beam	
28.05	Bolted connection of glass elements.	Glued connection	Design of supporting structure for glass façade	
29.05	Hybrid components – Möhler's method	Curved glass, balustrades, staircases.	Preliminary Design of Glass Footbridge	
30.05	Glass facades, glass pavilions and bridges	Post-breakage and robustness, blast resistance	Preliminary Design of Glass Footbridge	
weekend				
02.06			free	
03.06			free	
04.06			**TP 2E5 Deadline**	
05.06				
06.06.		**E X A M I N A T I O N 2E5**		
weekend				

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