IP: Structural Architectures – Geometry, Code and Design

WORK PROGRAMME

Day	The programme of lectures and other activities
1 **Thursday**	Arrival day
	First part: concept development Theoretical background, exercises, input lectures, excursions, analysing examples, sketches, coding, rush models, analogue and digital tools
2 **Friday**	Moderation: L. Cocchiarella Morning (4h): Come together – presentation of the project – short lectures by the 8 professors: Structural Thinking (C. Leopold), Geometry and Structural Form in Architecture (T. Kotnik), Codes and Representations (L. Cocchiarella), Design Processes (M. García Hipola), Rule-Based Design (B. Dillenburger), Structural Designing (G. Postiglione), Analogue/Digital Tools for Representations (A. Kretzer), Designing in Micro and Macro Structures (C. Asensio-Wandosell) - students present their interests – building small groups of 4 students, one from each university Afternoon (4h): starting to work in the small group with rotating tutoring by teachers (workshop) - brain storming – ideas - outline of the plan of each group - presentation of the outlines by each group – discussions - Proposal 1
3 **Saturday**	Moderation: C. Leopold Morning (4h): Introductory short lectures and exercises on the topics: module and cells recognition in designed and spontaneous architectural systems including the examples of the excursion (M. García Hipola, L. Cocchiarella) organizational patterns, logics of interactions between geometric and numeric data (T. Kotnik, B. Dillenburger) Afternoon (4h): workshop and discussion
4 **Sunday**	Excursion to relevant architectures (L. Cocchiarella in cooperation with the partners)
5 **Monday**	Moderation: M. García Hipola Morning (4h): brief summary of Saturday's results – review of the excursion – introductory short lectures and exercises on the topic: Transformations, codes, representations – digital tools (C. Leopold, A. Kretzer) - workshop Afternoon (4h): workshop and discussion
6 **Tuesday**	Moderation: T. Kotnik Morning (4h): brief summary of the previous day's results – introductory short lectures and exercises on the topic: Grids and hierarchies - micro and macro structures (G. Postiglione, C. Asensio-Wandosell) - workshop Afternoon (4h): **Presentation of the "concepts" -** Discussion, Evaluation 1 and Proposal 2
	Second part: final work Working out the concept, support by input lectures in refer to the student's work - reactions, tutoring, evaluations, and proposals
7 **Wednesday**	Moderation: A. Kretzer Morning (4h): brief summary of the first part's results, input lectures as reactions - workshop Afternoon (4h): workshop and discussion
8 **Thursday**	Moderation: B. Dillenburger Morning (4h): brief summary of the previous day's results, input lectures as reactions – workshop Afternoon (4h): workshop and discussion
9 **Friday**	Moderation: C. Asensio-Wandosell Morning (4h): brief summary of the previous day's results – workshop Afternoon (4h): workshop and discussion - Evaluation 2 - Proposal 3
10 **Saturday**	Moderation: M. García Hipola Morning (4h): brief summary of the previous day's results – workshop Afternoon (4h): workshop and discussion
11 **Sunday**	Moderation: G. Postiglione Morning (4h): preparations for the final presentation Afternoon (4h): preparations and installation of the public exhibition
12 **Monday**	Moderation: C. Leopold Morning (4h): **Final presentation of the project - discussion** Afternoon (4h): **Public exhibition** - discussion and final Evaluation – information for the final documentation – discussion of the consequences for next year IP
13 **Tuesday**	**Departure day**