

Milestone 1 Notes

Mesrop¹

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33 cycle PhD candidate: Mesrop Andriasyan

Research Line: 1.3 Innovative Technologies for High-Performance Buildings

Topic: Characterization of thermo-acoustical behavior of temporary constructions for emergency and assessment of different scenarios of non-invasive and reversible thermo-acoustical use.

Date:

Friday, April 20

09:30 – 13:45

Place:

Aula Consiglio

Involved supervisors: Zanelli, Piana (uniBS), Utica, Guazzotti

Invited reviewers: Mazzarella

Chair: Carvelli

The meeting took around 30 minutes, of which 20 minutes presentations and 10 minutes of discussion.

Remarks by Prof. Mazzarella

1. A methodology has to be prepared that will serve as a baseline upon which the research is going to be carried on
2. All the simulations need to be explained in details (what software/techniques are used and so on)
3. The research has 2 degrees of freedom. One in terms of the material/composite that the emergency structure is made of, second in terms of shape. These two dimensions should be leveraged to obtain good solutions.

Remarks by Prof. Carvelli

1. For future presentations take into account that the board members may not be aware of some details of the topic so more explanations have to be made on those.
2. Not to focus on climatic zones for which the solutions are going to be made but rather focus on the approaches that can serve the problem.