

STRUCTURE-SOIL-STRUCTURE INTERACTION

Advisor: Prof. Alessandro Marzani

Co-Advisors: Prof.ssa Cristina Gentilini – Prof. Antonio Palermo

PhD student: Alessandro Rosa

OBJECTIVE OF THE RESEARCH

The objective: develop indications for design of safer civil structures with regard to interaction.

How to achieve: in-depth study of interaction through numerical simulations, laboratory tests and real building monitoring.

POTENTIAL MULTIDISCIPLINARY COLLABORATIONS

Related fields of research:

- Dynamic of Structures
- Earthquake Engineering
- Geotechnical Engineering
- Numerical Methods
- Damage scenarios and emergency management

And many others...