

Schedule

The DFG sponsored project “**Tendon Systems for Seismic Protection of Stone Block Historical Structures**” (DO360/25-1) is a cooperation between University of Kassel, Germany, and University of Salerno, Italy, with participation from ICOMOS, Italy and MiBACT’s Cultural Heritage Office of Salerno Province.

Seismic Performance and Retrofitting of Historical Structures

June 20 -21, 2016

University of Kassel, Germany

Monday 20th of June:

- 09:30 – 10:00: Welcome.

The DFG “Neptune” project:

- 10:00 – 10:30: Visit to the laboratory.
- 10:30 – 11:00: Hybrid simulation in antique column structures (Ferran Obón).
- 11:00 – 11:30: Mechanically consistent scaling of Historical Stone Columns (Chuyen Nguyen)
- 11:30 – 11:45: Coffee break.
- 11:45 – 12:15: Presentation by Prof. Luigi Petti.
- 12:15 – 12:45: Using hybrid simulation in development of semi-active control concepts (Gregor Turkalj).
- 12:45 – 13:15: Suppression of Horseshoes chaos in a structure using tendon system (Nana Nbandjo and Uwe E. Dorka).
- 13:15 – 14:30: Lunch at Moritz.

Seismic risk assessment:

- 14:30 – 15:00: Seismic risk simulation by using a virtual database (Axel Mühlhausen).
- 15:30 – 16:00: Seismic resilience analysis for Iasi municipality using artificial intelligence (Georgiana Bunea).
- 16:30 – 17:00: Discussion.
- 17:00 – 17:15: Presentation by Siddartha Pathak.
- 20:00: Dinner at Finkenherd.

Tuesday 21st of June:

Future directions on seismic retrofitting technologies and their validation for historical structures.

- 10:30 – 13:00: Final discussion and future projects (project participants only).
- 13:00 – 15:00: Lunch at Moritz.
- 15:00: Visit to Orangerie, Blumeninsel Siebenbergen.
- 19:00: Dinner at Bolero.