

Seismic performance, resilience and innovative technologies for structures: recent developments in Japan and Italy



UNIVERSITÀ DEGLI STUDI DI NAPOLI
FEDERICO II



**National Institute
for Land and Infrastructure Management**
Ministry of Land, Infrastructure, Transport and Tourism

Date: 2026/9/21

Place: Aula Manfredi Romano

Time	Title	Speaker
10:30–10:40	Opening	Marco Di Ludovico (UNINA)
10:40–11:10	Overview of Research Projects by NILIM and BRI in Recent Years	Tomohisa Mukai (NILIM)
11:10–11:40	Overview of Ongoing Research Activities	Marco Di Ludovico (UNINA)
11:40–12:10	Evaluation of seismic resilience performance of RC buildings considering repairability	Masanobu Sakashita (BRI)
12:10–12:40	Multi-hazard risk assessment of RC buildings	Carlo Del Gaudio (UNINA) Marta Del Zoppo (UNINA)
12:40–13:00	Q&A	
13:00–14:00	<i>Break</i>	
14:00–14:30	Structural Experimental Testing on RC joints and RC frames Structural Health Monitoring and resilience of infrastructure	Ciro Del Vecchio (UNISANNIO) Miano Andrea (UNipegaso)
14:30–15:00	Structural Experimental Test Database for RC members	Hidekazu Watanabe (BRI)
15:00–15:30	Certification for New Materials and methods in Japan (HDG rebar)/Research Activity Plan in Italy	Akihiro Nakamura (BRI)
15:30–15:45	<i>Break</i>	
15:45–16:15	Structural Performance of 3D-Printed Concrete: Interfaces, Modeling Strategies, and Full-Scale Application	Costantino Menna (UNINA)
16:15–16:45	Seismic Performance Evaluation of Reinforced Concrete Walls with 3D-Printed Formwork	Taku Obara (NILIM)
16:45–17:00	Q&A	