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PROF. FELICECARLO PONZO

SCIENTIFIC CURRICULUM VITAE:

Professor Felice Carlo Ponzo was born on 28.07.1964 in Napoli and he is graduated cum summa laude in Civil Engineering, at the University of Pavia", on 1989. On 1998 he has achieved the PhD in "Constructions in the Seismic zone: analysis and strengthening of the structures", at the University of Basilicata (Potenza). On 2001 he has won the selection for University Researcher at University of Basilicata in the technical-scientific sector "Technique of the Constructions", on call since November 1st 2001. On 2004 he got the qualification of associate professor in the same scientific Sector ICAR/09 and Since October 1st 2006 he work as associate professor at the University of the Basilicata, where he is currently titular of the course of "Steel and wood Constructions" and Structural Strengthening".

ACADEMIC AND PUBLIC ASSIGNMENTS

- Titular of the courses of i) Steel and wood Constructions, ii) Structural strengthening.
- Director of the Laboratory for test on Material and Structures of University of Basilicata (www.unibas.it/sislab), since may 2008;
- Member of the RELUIS Consortium board "National Network of University Seismic Laboratories", Napoli (www.reluis.it), since 2003;
- Member of the TERN Consortium board (Technologies for Earth observations and Natural Hazards), Potenza (www.tern.it), since 2010;
- Chairman of the Civil Engineering Permanent Commission of the Faculty of Engineering of the University of Basilicata, in the period 2010-2013 and since 2013 deputy chairman of the Civil and Environment Engineering Permanent Commission of the School of Engineering of University of Basilicata;
- Chairman of the Commission for academic teaching entrusting of the Faculty of Engineering of the University of Basilicata, since July 27, 2010;

RESEARCH ACTIVITY

His research activity is mainly related to the following areas:

- Analysis of the numerical and experimental seismic behaviour, trough dynamic and pseudo dynamic tests, of reinforced concrete and masonry buildings reinforced by innovative techniques (passive control: seismic isolation and energy dissipation) and traditional and advanced materials (steel, rubber, shape memory alloy);
- Evaluation of the amplification phenomena of the seismic waves determined by the interaction between structure and foundation soil;
- Monitoring of structures for the evaluation of the damage and vulnerability;
- Seismic protection of wooden building through post tensioning and energy dissipation.
- Principal investigator of several national and international research projects active in the field of seismic design and innovative monitoring and early warning (RELUIS II - national coordinator of the monitoring task, TERN II, PRESS-LAM) and of several contracts for the study and research on the vulnerability assessment of monumental and strategic buildings.

EDITORIAL ACTIVITY

- Author and co-author of more than 150 papers on national and international journals, conference proceedings and books;
- Reviewer for: i) Engineering Structures in Elsevier Editorial System, Bulletin of Earthquake Engineering, Soil Dynamics and Earthquake Engineering, Natural Hazards, Journal of Structural Engineering, Progettazione Sismica.
- Member of the Academic Review Committee of the "Progettazione Sismica", published by IUSS Press, Pavia, since 2008;

PROFESSOR'S OFFICE HOUR:

On Tuesday- 15:00-18:00. Macchia Romana Campus, School of Engineering (3th floor, Engineering Building, Room n.

6). Scuola di Ingegneria – Via dell'ateneo Lucano, 10 – 85100 Potenza

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