




PROF. Michelangelo LATERZA	
TEL: + 39 0835 1971462	
MOB. + 39 329 3606188	
E-MAIL: <a href="mailto:michelangelo.laterza@unibas.it">michelangelo.laterza@unibas.it</a>	
WEB: <a href="http://oldwww.unibas.it/utenti/laterza/laterza.html">http://oldwww.unibas.it/utenti/laterza/laterza.html</a>	
<b>CURRICULUM SCIENTIFICO/SCIENTIFIC CURRICULUM</b>	
<p>Professore associato di Tecnica delle Costruzioni dell'Università degli Studi della Basilicata (<i>laureato in ingegneria strutturale nel 1992 presso l'Università degli Studi della Basilicata - Dottore di Ricerca in Ingegneria Strutturale presso l'Università di Salerno nel 1996</i>). E' membro del Senato accademico e già Pro-Rettore alle Relazioni Internazionali con il Sudamerica. La sua attività scientifica ha riguardato i modelli e l'analisi non lineare delle strutture esistenti, la protezione sismica passiva (isolamento sismico), le tecniche di rinforzo per le strutture con materiali innovativi (FRP), la vulnerabilità delle strutture e delle infrastrutture in zona sismica, il confinamento degli elementi compressi. Ha partecipato, anche in qualità del responsabile scientifico, a molti programmi di ricerca sperimentali (prove sul campo e di laboratorio su colonne rinforzate e non, su nodi trave-colonna in c.a., su isolatori sismici HDRB, su controventi dissipativi e su strutture in scala ed al vero isolate sismicamente e/o rinforzate). Su tali argomenti ha prodotto numerose pubblicazioni ed ha partecipato a scambi scientifici con altri gruppi di ricercatori. E' revisore per diverse riviste scientifiche internazionali di prestigio tra cui ACI Structural Journal (ACI), Engineering Structures (ELSEVIER), Bulletin of Earthquake Engineering (SPRINGER), Structural Engineering &amp; Mechanics (TechnoPress), The Open Construction &amp; Building Technology Journal (BENTHAM SCIENCE) di cui è anche membro dell'editorial board.</p> <p>Michelangelo Laterza has graduated in engineering in 1992 at the University of Basilicata, he has obtained Doctorate at the University of Salerno in 1996. From 2001 up to 2010 he has been Assistant Professor in Structural Engineering at the University of Basilicata (Engineering Faculty). Since 2010 he is Associate Professor in Structural Engineering at the University of Basilicata (DICEM Dep. - Architecture). He is Member of the Academic Senate and He was Vice-Rector for the International relations with South America. His scientific activity has addressed the topics of modelling and nonlinear analysis of reinforced concrete structures, of passive seismic protection (seismic isolation) and strengthening techniques for structures with innovative materials (FRP), of vulnerability analysis of structures and infrastructures in seismic zones, of the R/C confinement. He participated, also in quality of scientific manager, to many experimental research programs (Lab tests carried out on R/C columns, R/C Joints, Seismic Isolators (HDRB's), Dissipative braces and also to a series of field release testing carried out on a real Base Isolated Building to study seismic behaviour of different seismic isolation systems). In these fields he has produced about 50 papers and taken part to scientific exchanges with other groups of researchers. He is reviewer of the ACI Structural Journal (ACI), Engineering Structures (ELSEVIER), Structural Engineering &amp; Mechanics (TechnoPress), Bulletin of Earthquake Engineering (SPRINGER) and member of the editorial board of The Open Construction &amp; Building Technology Journal (BENTHAM SCIENCE).</p>	
<b>PUBBLICAZIONI RECENTI/RECENT PAPERS</b>	
<p>Braga F., Laterza M. (2004). "Field testing of low-rise base isolated building". Engineering Structures, Elsevier Ltd, Vol/Issue 26/11 pp. 1599-1610. ISSN 0141-0296.</p> <p>F. Braga, M. Faggella, R. Gigliotti, M. Laterza. (2005). "Nonlinear dynamic response of HDRB or Hybrid HDRB-Friction Sliders base isolation systems". Bulletin of Earthquake Engineering, Kluwer Academic Publishers B.V., vol.3/2005-n.3, pp. 333-353. ISSN 1570-761X.</p> <p>F. Braga, R. Gigliotti, M. Laterza. (2006). "Analytical Stress-strain relationship for concrete confined by steel stirrups and/or FRP jackets". Journal of Structural Engineering ASCE, Vol. 132, No. 9, September 1, 2006. ISSN 0733-9445/2006/9-1402-1416.</p> <p>F. Braga, R. Gigliotti, M. Laterza, M. D'Amato (2008). "An analytical formulation of stress-block parameters for confined concrete". The Open Construction &amp; Building Technology Journal, Bentham Science Publishers, vol.2/2008, pp. 173-182, ISSN: 1874-8368/08.Braga, F., Gigliotti, R., Laterza, M., (2009). "R/C existing structures with smooth bars: experimental behaviour of beam-column joints subject to cyclic lateral loads". The Open Construction &amp; Building Technology Journal, Bentham Science Publishers, Vol. 2/2009, pp. 52-67, ISSN: 1874-8368/09.</p> <p>Michele D'Amato, Franco Braga, Rosario Gigliotti, Sashi Kunnath, Michelangelo Laterza, 2012. A numerical general-purpose confinement model for non-linear analysis of R/C members. COMPUTERS &amp; STRUCTURES, vol. 102-103, p. 64-75, ISSN: 0045-7949, doi: 10.1016/j.compstruc.2012.03.007.</p> <p>Franco Braga, Rosario Gigliotti, Michelangelo Laterza, Michele D'Amato, Sashi Kunnath, 2012. A Modified Steel Bar Model Incorporating Bond-Slip for Seismic Assessment of Concrete Structures. JOURNAL OF STRUCTURAL ENGINEERING-ASCE, ISSN: 0733-9445, doi: 10.1061/(ASCE)ST.1943-541X.0000587.</p> <p>Michele D'amato, Franco Braga, Rosario Gigliotti, Sashi Kunnath, Michelangelo Laterza, 2012. Validation of a Modified Steel Bar Model Incorporating Bond-Slip for Seismic Assessment of Concrete Structures. JOURNAL OF STRUCTURAL ENGINEERING-ASCE, ISSN: 0733-9445, doi: 10.1061/(ASCE)ST.1943-541X.0000588.</p> <p>Laterza M., D'Amato M., Thanthirige L.P., Braga F., Gigliotti R., 2014. "Comparisons of Codal Detailing Rules for Curvature Ductility and Numerical Investigations". The Open Construction &amp; Building Technology Journal, Bentham Science Publishers, vol.8/2014, pp. 132-141, ISSN: 1874-8368/08, doi: 10.2174/1874836801408010132.</p>	
<b>CORSI/COURSES:</b>	
TECNICA DELLE COSTRUZIONI/STRUCTURAL ENGINEERING	
PROGETTAZIONE STRUTTURALE/STRUCTURAL DESIGN	
<b>ORARIO E SEDE DI RICEVIMENTO:</b>	
Mercoledì - Ore 10,30-13,00 – Studio II Piano Sede di Via Lazazzera (Matera) Wednesday hh. 10,30 AM - 13,00 AM (Via Lazazzera - Matera) Altri orari previo appuntamento / Other times by appointment	