

PERSONAL INFORMATION

Simona Di Nino

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Sex feminine | Nationality Italy

POSITION AND WORK EXPERIENCE

Jan 2018-Feb 2018

Occasional self-employment

DRIMS SRL-DIAGNOSTIC RETROFITTING AND INNOVATION IN MATERIAL

Research work Updating of the seismic vulnerability of the university buildings of L'Aquila according to the results of the geotechnical investigations

Nov 2017

Occasional self-employment

University of L'Aquila- Dipartimento di INGEGNERIA CIVILE, EDILE-ARCHITETTURA, AMBIENTALE

Research work Evaluation of the seismic vulnerability of the university buildings in L'Aquila

Apr 2014- Oct 2014

Abroad Scholarship

University of Lyon, LaMCoS INSA-CNRS.

Research work Mathematical modelling of the mechanical properties of a latex pantographic.

Jan 2013-Mar 2014

Occasional self-employment

University of L'Aquila- Dipartimento di INGEGNERIA CIVILE, EDILE-ARCHITETTURA, AMBIENTALE

Research work Mathematical modelling of masonry walls inserted in reinforced concrete framed structures.

EDUCATION AND TRAINING

2018

Ph.D. Degree in Mathematics and Models

University of L'Aquila. Title of the thesis: ANALYTICAL MODELS OF FRAMED SHEAR-WALL SYSTEMS.

2015

Inscribed to the Order of Engineers of the Province of L'Aquila

Number A_003282.

2013

Master's Degree in Civil Engineering

University of L'Aquila. Title of the thesis: Modelli Semplificati per l'Analisi della Dissipazione di Pannelli Murari Irrigidenti. Graduated with full marks (110/110 cum laude).

2011

Bachelor's Degree in Civil Engineering

University of L'Aquila. Title of the thesis: Analisi Elastica Non Lineare di Travi in Acciaio soggette ad Azioni Termiche da Incendio: Confronto tra un Approccio Semplificato e un Approccio Rigoroso. Graduated with marks (110/110)

PERSONAL SKILLS

Mother tongue(s)

Italian

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	

French	A2	A2	A2	A2	A2
English	B2	B2	B2	B2	B2
English Certificate Level B2 – University of L'Aquila 20-07-2016 - European Level: B2.					

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user

Communication skills Very good communication skills gained through my teaching experience as assistant in Solid and Structural Mechanics course in University of L'Aquila

Organisational skills Very good organisational skills gained through my experience in organizing an international conference (Euromech Colloquim 562).

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Spreadsheets	Drawing cad
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Levels: Basic user - Independent user - Proficient user

Used software

MATHEMATICA, MATLAB, SAP, COMSOL, AUTOCAD, CDS, MIDAS

PUBLICATIONS

Conference proceedings

- [1] S. Di Nino, F. D'Annibale, A. Luongo, "A simple kinematical model of frame-masonry shear-wall systems", The Twelfth International Conference on Computational Structures Technology, Naples, Italy (2014)
- [2] Berardinucci B., Di Nino S., Gregori A., Fragiaco M., "Experimental and Numerical Investigations on Timber-Concrete Connections with Inclined Screws", 4th International Conference on Structural health assessment of timber structures, Istanbul, Turkey (2017).
- [3] S. Di Nino, A. Luongo, " A Flexural-Shear Beam Model for interaction analysis of Frame-Wall Systems ", XXIII Conference The Italian Association of Theoretical and Applied Mechanics, Salerno, Italy, (2017).

Peer-reviewed journal articles

- [4] S. Di Nino, F. D'Annibale, A. Luongo, "A simple model for damage analysis of a framed-masonry shear-wall system", International Journal of Solids And Structures, (2017).
- [5] Berardinucci B., Di Nino S., Gregori A., Fragiaco M., "Mechanical Behavior of Timber-Concrete Connections with Inclined Screws", International Journal of Computational Methods and Experimental Measurements (2017).

CONFERENCES AND SEMINARS

- [1] Third Sperlonga Summer School on Mechanics and engineering sciences on 'dynamic, stability and control of flexible structures', September 2013, Sperlonga, (Italy).
- [2] The Twelfth International Conference on Computational Structures Technology, September 2014, Naples, (Italy).
Role: Speaker

[3] Euromech Colloquim 562, Stability and Control of Nonlinear Vibrating Systems, May 2015, Sperlonga (Italy)
Role: Organizer

[4] ICDM2 (International Conference on Damage Mechanics), July 2015, Troyes (France)
Role: Speaker

[5] AIMETA (Associazione Italiana di Meccanica e Teoria Applicata), Settembre 2015, Genova (Italia)
Role: Speaker

[6] Alghero Summer School on Elastic Metamaterials: From Theory to Applications, May 2016, Alghero (Italy)

[7] GADeS 2016, IV Riunione del Gruppo AIMETA di Dinamica & Stabilità, Settembre 2016, Brescia (Italia)

[8] Course on ANALISI NON-LINEARI AD ELEMENTI FINITI PER LA PREVISIONE DELLA RISPOSTA DELLE STRUTTURE SOGGETTE AD AZIONE SISMICA, Parma, 26 giugno 2017

[9] GADeS Summer School on Stability and Bifurcation of Dynamical Systems: Theoretical Aspects and Applications July 3-7, 2017, Savona, Italy

[10] XXIII Congresso - AIMETA, 4-7 Settembre, 2017, Salerno, Italia
Role: Speaker

[11] Short course on Computational methods for the seismic assessment of structures, 18-25 September, 2017, Rome, Italy

FURTHER INFORMATION

Teaching experiences

- Academic year 2014-15: Exercises of Mechanics of Structures for Bachelor's students in Civil Engineering (University of L'Aquila, tenured professor: Prof. Angelo Luongo).
- Academic year 2015-16: Exercises of Mechanics of Structures for Bachelor's students in Civil Engineering (University of L'Aquila, tenured professor: Prof. Angelo Luongo).
- Academic year 2016-17: Exercises of Mechanics of Structures for Bachelor's students in Civil Engineering (University of L'Aquila, tenured professor: Prof. Angelo Luongo).
- Academic year 2017-18: Exercises of Mechanics of Structures for Bachelor's students in Civil Engineering (University of L'Aquila, tenured professor: Prof. Angelo Luongo).

Personal characteristics

Accuracy, dedication, reliability, ambition, team spirit, and ability to work under stress.