

CURICILUM VITAE

NAME: VISSARION PAPADOPOULOS
BIRTH DATE: 26 /11 / 1968
TOWN: ATHENS, GREECE

EDUCATION

a) Elementary – high-school education

1974 - 1980: Elementary school of Filothei, Athens.

1980 - 1986: High-school of Filothei, Athens.

b) Graduate studies

1986 – 1991: National Technical University of Athens (NTUA), Dept. of Civil Engineering.

c) Post-graduate studies

1992 - 1993: Master of Science (MSc) and Diploma of Imperial College (DIC) in “Earthquake Engineering and Structural Dynamics”, Imperial College of Science Technology and Medicine, Dept. of Civil Engineering, London, UK.

1992 - 1998: PhD Thesis, NTUA : “Limit reliability analysis of 3D framed structures using the Stochastic Finite Element Method”.

ACADEMIC RECORD

2000 – 2005: Post-doctoral research in NTUA with prof. Manolis Papadrakakis in the area of computational mechanics.

2002 – 2005: Post-doctoral research in Columbia University New York with Prof. George Deodatis in the area of computational stochastic mechanics. This research cooperation initiated in 2002 with a 3 months stay in Columbia University and continued remotely.

2001 – 2003: Lecturer with PD/407 contract at the department of Civil Engineering and Mechanical Engineering in the university of Thessaly.

2004: Assistant Professor with PD/407 contract at the department of Civil Engineering and Mechanical Engineering in the university of Thessaly.

2007-2011: Lecturer at the department of Civil Engineering in the National Technical University of Athens.

2012-2016: Assistant Professor at the department of Civil Engineering in the National Technical University of Athens.

CURRENT POSITION

Professor at the Institute of Structural Analysis and AntiSeismic Research (ISAAR) at the department of Civil Engineering in the National Technical University of Athens (NTUA).

SOCIETY COMMITTEE MEMBERSHIPS

President of the Greek Association of Computational Mechanics (GRACM), member of ECCOMAS General Assembly and Managing board, IACM, member of the Greek Technical Chamber, Member of the International Association of Structural Safety and Reliability (IASSAR).

LANGUAGES

English: First Certificate in English – University of Cambridge, Toefel (score 540).

French: Certificat de langue Française (Institut Français de Grèce).

PROGRAMMING LANGUAGES

Fortran, Matlab, C# (.net)

TEACHING ACTIVITIES

- **Special issues of structural engineering**
9th semester, School of Civil Engineering, University of Thessaly, Volos, Greece, 2000-2001, 2002 – 2002, 2002-2003, 2003-2004
- **Finite Elements I**
7th semester, School of Civil Engineering, University of Thessaly, Volos, Greece, 2000-2001-2001-2002,2002-2003, 2003-2004
- **Finite Elements II**
8th semester, School of Civil Engineering, University of Thessaly, Volos, Greece, 2000-2001-2001-2002,2002-2003, 2003-2004
- **Finite Elements**
7th semester, School of Civil Engineering, University of Thessaly, Volos, Greece, 2004-2005,2005-2006.
- **Structural Analysis I and II**
4th and 5th semester, School of Civil Engineering, National Technical University of Athens, Greece, ,2006-today.
- **Special Issues of structural analysis using Finite Elements**
9th Semester, School of Civil Engineering, National Technical University of Athens, Greece, 2009-today.

- **Finite Element Analysis of Structures**
8th semester, School of Civil Engineering, National Technical University of Athens, Greece, 2015-2016-today.
- **Structural Engineering I**
1th semester, School of Architecture, National Technical University of Athens, Greece, 2013-2015.
- **Non-linear Finite Element Analysis**
Post-graduate course, School of Civil Engineering, National Technical University of Athens, Greece, 2009-today.
- **Stochastic Finite Element Analysis**
Post-graduate course, School of Civil Engineering, National Technical University of Athens, Greece, 2014-today.
- **Finite Elements**
Technical School of training Engineering Army officers (STEAMX), Athens, Greece, 2013-2015.
- **Probabilistic and reliability analysis of structures**
Superior pedagogic school of Technical Education (ASPATE), Athens, Greece, 2015-2016.

SUPERVISION OF DIPLOMA AND PhD THESIS

I have supervised more than 50 Diploma and Master Thesis at the school of Civil Engineering of the National Technical University of Athens. I have supervised 2 PhD Thesis (completed in 2014 and 2015), and currently 6 PhD students are under my supervision.

RESEARCH ACTIVITIES – SOFTWARE

He is one of the founders of the large-scale analysis and modeling research lab of ISAAR (MGroup), and has extensive experience in implementing national and European research projects. Particular emphasis has been placed on the research areas of stochastic multiscale modeling and design, large scale stochastic optimization and machine learning and high performance computing in hybrid CPU-GPU architectures. Mgroup has developed Msolve software, an open source numerical solver for computational mechanics problems customized to solving large scale stochastic multiscale optimization problems.

RESEARCH PROJECTS

- 1 “Vulnerability of buried pipelines under seismic loading”, European Union, environment, 1993.
- 2 “Prediction and measurement of residual stresses”, Joint Recsearch Center, EU, Petten, The Netherlands, 1993.
- 3 “NW-IALAD, Integrity assessment of Large Concrete Dams”, EU Research Network 2002-2004.

- 4 “AsProGe”, Earthquake protection of Egnatia highway bridges, Greek Ministry of Education, General Secretariat of Research and Technology (GGET), 2003-2006
- 5 “PITHAGORAS” Numerical solutions for coupled soil-structure interaction problems with large scale finite element models, Greek Ministry of Education, General Secretariat of Research and Technology (GGET)-2007.
- 6 “MRECT” Multi-scale reinforcement of semi-crystalline thermoplastic sheets and honeycombs, FP7-NMP-2009-2.5-1, EU-COLLABORATIVE PROJECT, 04/2010.
- 7 “ADERS”, Collaborative PEOPLE Marie Curie Project, 2011 -2014).
- 8 “Development of spectral Galerkin stochastic finite elements” PEBE (2009), National Technical University of Athens (Coordinator).
- 9 “RASOR”, Vulnerability and Risk ASsessment for the seismic prOtection of industRIal facilities, THALES (2012-2015), GGET (Coordinator)
- 10 “MASTER”, Mastering the computational challenges of numerical modelling and optimum design of CNT reinforced Composites, ERC Advanced Grant ERC-2011-ADG_20110209.
- 11 “HEAT”, Optimal multiscale design of innovative materials for heat exchange applications, EPANEK 2014-2020, EREYNO-DIMIOURGO-KAINOTOMO, (Coordinator).
- 12 “Design of HyperConcrete using nanomaterials” GGET, (2020 -2021), Coordinator.
- 13 “DCoMEX”: Data Driven Computational Mechanics at EXascale», ακρωνύμιο: H2020-JTI-EuroHPC-2019-1 (2020 -2023) (Coordinator).
- 14 “REGALE”: An open architecture to equip next generation HPC applications with exascale capabilities, H2020-JTI-EuroHPC-2019-1 (2020 -2023)
- 15 “EuroCC@Greece”, HPC Competence Centres», EuroHPC-04-2019 (2020-2025).
- 16 “BeALive”, Bioinspired Electroactive Aeronautical multiscale LIVE-skin – BEALIVE, HORIZON-EIC (ID101129952), (2023-2025).

PROFESSIONAL ACTIVITIES

Consulting - design of Bridges and Buildings privately and in collaboration with the following companies: D. Bairaktaris & Co, 1991 – 1996, DENCO Consultant Engineers L.t.d 1997- 1998, O.T.M L.t.d., 1997-2000.

My professional activities involve the analysis and design of a large number of reinforced concrete buildings as well as a large number of reinforced concrete and prestressed High-way Bridges in Greece.

PUBLICATIONS

PUBLICATIONS IN INTERNATIONAL JOURNALS WITH REFEREES

- 1 M. Papadrakakis and V. Papadopoulos, A computationally efficient method for the limit analysis of space frames, *Journal of Computational Mechanics*, 16(2), 132-141, 1995.
- 2 M. Papadrakakis, V. Papadopoulos and N. Lagaros, Structural reliability Analysis of elastoplastic structures using neural networks and Monte Carlo simulation, *Computer Methods in Applied Mechanics and Engineering*, 36, 145-163,1996.
- 3 M. Papadrakakis, V. Papadopoulos, Robust and efficient solution techniques for the stochastic finite element analysis of space frames, *Computer Methods in Applied Mechanics and Engineering*, 134, 325-340, 1996.
- 4 V. Papadopoulos and M. Papadrakakis, Stochastic finite element-based reliability analysis of space frames, *Probabilistic Engineering Mechanics*, 13 (1), 53 – 65, 1998.
- 5 V. Papadopoulos and M. Papadrakakis, Finite element Analysis of cylindrical panels with random initial imperfections, *Journal of Engineering Mechanics* 130, (8), 867-876, 2004.
- 6 V. Papadopoulos and M. Papadrakakis, The effect of material and thickness imperfections on the buckling load of shells with random initial imperfections, *Computer Methods in Applied Mechanics and Engineering*, 194, (12-16), 1405-1426, 2005.
- 7 V. Papadopoulos, G. Deodatis and M. Papadrakakis, Flexibility-based upper bounds on the response variability of simple beams, *Computer Methods in Applied Mechanics and Engineering*, 194, (12-16), 1385-1404, 2005.
- 8 V. Papadopoulos and G. Deodatis, Response variability of stochastic frame structures using evolutionary field theory, *Computer Methods in Applied Mechanics and Engineering*, 195 (9-12), 1050-1074, 2006.
- 9 V. Papadopoulos, M. Papadrakakis and G. Deodatis, Analysis of mean response and response variability of stochastic finite element systems *Computer Methods in Applied Mechanics and Engineering*, 195 (41-43), pp. 5454-5471, 2006.
- 10 N. Lagaros and V. Papadopoulos, Optimum design of shell structures with random geometric, material and thickness imperfections, *International Journal of Solids and Structures*, 43 (22-23), 6948-6964, 2006.
- 11 V. Papadopoulos and P. Inglese, The effect of imperfect boundary conditions on the buckling analysis of cylindrical shells with random geometric material and thickness imperfections, *International Journal of Solids and Structures*, 44 (18-19), 6299-6317, 2007.
- 12 M. Papadrakakis, V. Papadopoulos, N. Lagaros, J. Oliver, A. E. Huespe, and P. Sánchez, Vulnerability Analysis of Large Concrete Dams using the Continuum Strong Discontinuity Approach and Neural Networks, *Structural Safety*, 30 (3), 217-235, 2008.
- 13 I.F. Moschonas, A.J. Kappos, P. Panetsos, V. Papadopoulos, T. Makarios and P. Thanopoulos, Seismic fragility curves for greek bridges: methodology and case studies, *Bulletin of Earthquake Engineering*, 7(2), 439-468, 2009.

- 14 V. Papadopoulos, D.C Charmpis, and M. Papadrakakis, A computationally efficient method for the buckling analysis of shells with stochastic imperfections, *Computational Mechanics*, 43 (5), 687-700, 2009.
- 15 V. Papadopoulos, G. Stefanou and M. Papadrakakis, Buckling analysis of imperfect shells with stochastic non-Gaussian material and thickness properties, *International Journal of Solids and Structures*, 46(14-15), 2800-2808, 2009.
- 16 V. Papadopoulos and N. Lagaros, Vulnerability-based robust design optimization of imperfect shell structures, *Structural Safety*, 31(6), 475-482, 2009.
- 17 D. Schillinger and V. Papadopoulos, Accurate Estimation of Evolutionary Power Spectra for Strongly Narrow-Band Random Fields, *Computer Methods in Applied Mechanics and Engineering*, 199 (17-20), 947-960, 2010.
- 18 D. Schillinger, V. Papadopoulos, M. Papadrakakis and M. Bishoff, Buckling Analysis of Imperfect I-Section Beam-Columns with Stochastic Shell Finite Elements, *Computational Mechanics*, 46(3), 495-510, 2010.
- 19 V. Papadopoulos, G. Stefanou and M. Papadrakakis, Buckling load variability of cylindrical shells with stochastic imperfections, *International Journal for Reliability and Safety*, 5 (2), 191-208, 2011.
- 20 V. Papadopoulos and O. Kokkinos, Variability response functions for stochastic systems under dynamic excitations, *Probabilistic Engineering Mechanics*, 28, pp. 176-184, (2012).
- 21 V. Papadopoulos, D. Giovanis and N. Lagaros and M. Papadrakakis, Accelerated subset simulation for reliability analysis using neural networks, *Computer Methods in Applied Mechanics and Engineering*, 223-224, pp. 70-80 (2012).
- 22 D. Savvas, V. Papadopoulos and M. Papadrakakis, The effect of interfacial shear strength on damping behavior of carbon nanotube reinforced composites, *International Journal of Solids and Structures*, 49(26), 3823-3937, 2012.
- 23 V. Papadopoulos, G. Soimiris and M. Papadrakakis, Buckling analysis of I-section portal frames with stochastic imperfections, *Engineering Structures*, 47, pp. 54-66 2013.
- 24 V. Papadopoulos and N. Lagaros, Performance-Based Optimum Design of Structures with Vulnerability Objectives, *International Journal for Reliability and Safety*, 7 (1), pp. 75-94, 2013.
- 25 Vryzides, I., Stefanou, G., Papadopoulos V., "Stochastic stability analysis of steel tubes with random initial imperfections, *Finite Elements in Analysis and Design*, 77, pp. 31-39, 2013
- 26 Savvas, D. and Papadopoulos V., "Nonlinear multiscale homogenization of carbon nanotube reinforced composites with interfacial slippage, *J. Multiscale Computational Engineering*, 12 (4), pp. 271-289, 2014 .

- 27 Stavroulakis, G., Giovanis, D.G., Papadrakakis, M., Papadopoulos, V. "A new perspective on the solution of uncertainty quantification and reliability analysis of large-scale problems", *Computer Methods in Applied Mechanics and Engineering*, 276, pp. 627-658 2014.
- 28 Giovanis, D., Papadopoulos V., Stavroulakis, George, "An Adaptive spectral Galerkin stochastic finite element method using variability response functions", *International Journal for Numerical Methods in Engineering*, 104(3), pp185–208, 2015, 2015.
- 29 Giovanis, D., Papadopoulos V., "Spectral representation-based neural network assisted stochastic structural mechanics", *Engineering Structures*, 84, pp. 382-394 2015.
- 30 Papadopoulos, V., Kokkinos, O., "Transient response of stochastic finite element systems using Dynamic Variability Response Functions", *Structural Safety*, 52 (PA), pp. 100-112, 2015.
- 31 Papadopoulos, V., Tavlaki, M., "The impact of interfacial properties on the macroscopic performance of carbon nanotube composites. A FE2-based multiscale study", *Composite Structures*, 136, pp. 582-682, 2016.
- 32 M. Fragiadakis, Giovanis, D., Papadopoulos, "Epistemic uncertainty assessment using Incremental Dynamic Analysis and Neural Networks", *Bulletin of Earthquake Engineering*, 14(2), pp. 529-547, 2016.
- 33 Kokkinos, O., Papadopoulos, V., "Robust design with Variability Response Functions; an alternative approach", *Structural Safety*, 59, pp. 1-8, 2016.
- 34 Papadopoulos, V., Kalogeris, I., "A Galerkin-based formulation of the probability density evolution method for general stochastic finite element systems ", *Computational Mechanics*, 57, pp. 701-716, 2016.
- 35 Savvas, D., Stefanou, G., Papadopoulos, V., Papadrakakis, M., "Effect of waviness and orientation of carbon nanotubes on random apparent material properties and RVE size of CNT reinforced composites", *Composite Structures*, 152, pp. 870-882, 2016.
- 36 Papadopoulos, V., Seventekidis, I., Sotiropoulos, G. "Stochastic multiscale modeling of graphene reinforced composites", *Engineering Structures*, 145, pp. 176-189, 2017.
- 37 Manitaras, T-I., Papadopoulos, V., Papadrakakis, M., "Dynamic variability response functions for stochastic wave propagation in soils", *Soil Dynamics and Earthquake Engineering*, 97, pp. 60-73, 2017.
- 38 Giovanis G, Stavroulakis, I, Papadopoulos, Papadrakakis, M., "A GPU domain decomposition solution for spectral stochastic finite element method", *Comp. Meth. Appl. Mech. Eng.* , 327, pp. 392-410, 2017.
- 39 Giovanis G, Papaioannou, I, Papadopoulos, V., Straub, D., "Bayesian updating with subset simulation using artificial neural networks", *Computer Methods in Applied Mechanics and Engineering*, 319, pp. 124-145, 2017.
- 40 Papadopoulos, V., Impraimakis, M., "Multiscale modeling of carbon nanotube reinforced concrete", *Composite Structures*, 182, pp. 251-260, 2017.

- 41 Kalogeris, I., Papadopoulos, V., “Limit analysis of stochastic structures in the framework of the probability density evolution method”, *Engineering Structures* , 160, pp. 204-313, 2018.
- 42 Papadopoulos, V., Soimiris, G., Giovanis, DG, Papadrakakis, M., “A neural network-based surrogate model for carbon nanotubes with geometric nonlinearities”, *Comp. Meth. Appl. Mech. Eng.* , 328, pp. 411-430, 2018.
- 43 Papadopoulos, V, Kalogeris, I., Giovanis, D.G, “A spectral stochastic formulation for nonlinear framed structures”, *Probabilistic Eng. Mechanics*, 55, pp. 90-102, 2018
- 44 Lu, X., Giovanis, D.G., Yvonnet, J., Papadopoulos, V., Detrez, F., Bai, J. “A data-driven computational homogenization method based on neural networks for the nonlinear anisotropic electrical response of graphene/polymer nanocomposites”, *Computational Mechanics*, 64 (2), pp. 307-321, 2019.
- 45 Kalogeris, I., Papadopoulos, V. “A diffusion maps –based surrogate modeling -An alternative machine learning approach”, *International Journal on Numerical Methods and Engineering IJNME*, 121 (4), 602-620, 2020.
- 46 Z Fasoulakis, D Vamvatsikos, V Papadopoulos, Stability of Single-Bolted Thin-Walled Steel Angle Members with Stochastic Imperfections, *Journal of Structural Engineering* 147 (8), 04021108, 2021.
- 47 Kalogeris, I., Papadopoulos, V. “Diffusion maps-aided Neural Networks for the solution of parametrized PDEs”, *Comp. Meth. Appl. Mech. Eng*, Invited submission in Special Issue on Artificial Intelligence, 2021.
- 48 Tsapetis, D., Sotiropoulos, G., Stavroulakis, G. Papadopoulos, V., Papadrakakis, V., “A Stochastic Multiscale formulation for Isogeometric Composite Kirchhoff-Love shells”, *Comp. Meth. Appl. Mech. Eng*, 2021.
- 49 X Lu, J Yvonnet, L Papadopoulos, I Kalogeris, V Papadopoulos, “A Stochastic FE2 Data-Driven Method for Nonlinear Multiscale Modeling” *Materials* 14 (11), 2875, 2021.
- 50 Bakalakos, I. Kalogeris, V. Papadopoulos, An extended finite element method formulation for modeling multi-phase boundary interactions in steady state heat conduction problems, *Composite Structures*, vol. 258, 2021
- 51 S. Pyrialakos, I. Kalogeris, G. Sotiropoulos, V. Papadopoulos, “A neural network-aided Bayesian identification framework for multiscale modeling of nanocomposites”, *Computer Methods in Applied Mechanics and Engineering*, vol. 384, 2021.
- 52 S. Bakalakos, I. Kalogeris, V. Papadopoulos, M. Papadrakakis, P. Maroulas, D.A. Dragatogiannis, C.A. Charitidis, An integrated XFEM modeling with experimental measurements for optimizing thermal conductivity in carbon nanotube reinforced polyethylene, *Modelling and Simulation in Materials Science and Engineering*, 2022
- 53 S. Nikolopoulos, I. Kalogeris, V. Papadopoulos, “Machine Learning Accelerated Transient Analysis of Stochastic Nonlinear Structures”, *Engineering Structures*, 2022.

- 54 S. Nikolopoulos, I. Kalogeris, V. Papadopoulos, “Non-intrusive surrogate modeling for parametrized time-dependent PDEs using convolutional autoencoders”, *Engineering Applications of Artificial Intelligence*, vol. 109, 2022.
- 55 L Papadopoulos, S Bakalakos, S Nikolopoulos, I Kalogeris, V. Papadopoulos, “A computational framework for the indirect estimation of interface thermal resistance of composite materials using XPINNs”, *International Journal of Heat and Mass Transfer* 200, 123420, 2023
- 56 S Pyrialakos, I Kalogeris, V Papadopoulos, “Multiscale analysis of nonlinear systems using a hierarchy of deep neural networks”, *International Journal of Solids and Structures* 271, 112261, 2023
- 57 V Merevis, K Margaronis, V Papadopoulos, “Thermomechanical analysis of the effect of contact forces in heat conduction of composite materials through multiscale contact finite element modeling”, *Mechanics of Advanced Materials and Structures* 30 (16), 3365-3384, 2023.
- 58 I Kalogeris, S Pyrialakos, O Kokkinos, V Papadopoulos, “Stochastic optimization of carbon nanotube reinforced concrete for enhanced structural performance, *Engineering with Computers* 39 (4), 2927-2943,2023
- 59 E Chroni, S Bakalakos, G Sotiropoulos, V Papadopoulos, “Topology optimization of bi-material structures with Iso-XFEM, *Composite Structures*”, 117902,2024.
- 60 S Nikolopoulos, I Kalogeris, G Stavroulakis, V Papadopoulos, “AI-enhanced iterative solvers for accelerating the solution of large-scale parametrized systems” *International Journal for Numerical Methods in Engineering* 125 (2), e7372, 2024.
- 61 L Papadopoulos, K Atzarakis, G Sotiropoulos, I Kalogeris, V. Papadopoulos, “Fusing nonlinear solvers with transformers for accelerating the solution of parametric transient problems”, *Computer Methods in Applied Mechanics and Engineering* 428, 117074, 2024.

CONFERENCE PROCEEDINGS

More than 130 publications in international conference proceedings

TECHNICAL REPORTS

- 1 V. Papadopoulos «State of the art of Dam Safety Assessment Procedures in various European Countries, Part I : Dam safety assessment procedures, Part II: Discussion», NW-IALAD project Technical Report.
M. Papadrakakis, V. Papadopoulos, E. Georgioudakis and G. Hofstetter, C. Feist, Y. Theiner, «Reliability Analysis of a Plain Concrete Beam», NW-IALAD project Technical Report.
- 3 M. Papadrakakis, V. Papadopoulos, N. Lagaros and J. Oliver, A. Huesepe, P. Sanchez, «Vulnerability Analysis of Large Concrete Dams using the

- Continuum Strong Discontinuity Approach and Neural Networks», NW-IALAD project Technical Report.
- 4 M. Papadrakakis, V. Papadopoulos «Dam safety and integrity Assessment: Final Report», NW-IALAD project final Technical Report.
 - 5 V. Papadopoulos, «Vulnerability and seismic risk assessment of industrial installations», final Technical Report of THALES-NTUA project , 2016.

BOOKS

- 1 M. Papadrakakis, G. Stefanou, V. Papadopoulos, (Eds.), “Computational Methods in Stochastic Structural Dynamics”, in Computational Methods in Applied Sciences, Volume 22, Springer (2011).
- 2 M. Papadrakakis, G. Stefanou, V. Papadopoulos, (Eds.), “Computational Methods in Stochastic Structural Dynamics”, in Computational Methods in Applied Sciences, Volume 26, Springer (2011).
- 4 V. Papadopoulos, «Vulnerability and Seismic Risk Assessment of industrial installations», e-Pub, 2016.

TEXT BOOKS

- 1 V. Papadopoulos and D. Giovanis, “Stochastic Finite Elements – An Introduction”, Springer 2018.

BOOK CHAPTERS

- 1 M. Papadrakakis, V. Papadopoulos and N. Lagaros, “Structural reliability analysis of elastic-plastic structures using Neural Networks and Monte Carlo simulation”, in M. Papadrakakis and G. Bugeda (Eds.), Advanced Finite Element Solution Procedures, CIMNE Publications, Barcelona, Spain (1996), pp- 348-374.
- 2 Dominik Schillinger and Vissarion Papadopoulos, “The Method of Separation: A Novel Approach for Accurate Estimation of Evolutionary Power Spectra”, in Computational Methods in Stochastic Dynamics, M. Papadrakakis, G. Stefanou and V. Papadopoulos (eds) in Computational Methods in Applied Sciences, series of ECCOMAS, Springer (2011)
- 3 D.N.Savvas, V.Papadopoulos and M. Papadrakakis, “Mechanical performance of CNT reinforced composites under cyclic loading”, Bytes and Science, G Zavarise and D.P Boso (Eds.), CIMNE, Barcelona, Spain 2012.
- 4 Vissarion Papadopoulos and Odysseas Kokkinos, “Dynamic variability response of stochastic systems”, in Computational Methods in Stochastic Dynamics, M. Papadrakakis, G. Stefanou and V. Papadopoulos (eds) in Computational Methods in Applied Sciences, series of ECCOMAS, Springer (2011)
- 5 Vissarion Papadopoulos and Michalis Fragiadakis, “Plastic Hinge and Plastic Zone Seismic Analysis of Frames”, in Encyclopedia of Earthquake

Engineering, Michael Beer, Ioannis A. Kougoumtzoglou, Edoardo Patelli and Siu-Kui Au (eds), Springer, 2015.

CONFERENCE PROCEEDINGS

- 1 M. Papadrakakis, M. Kojic and V. Papadopoulos (eds) Proc. Second South-East European Conference on Computational Mechanics, SEECCM 2009, Rhodes, Greece, June 22-24.
- 2 M. Papadrakakis, V.Papadopoulos, G. Stefanou (eds), Proceedings of the 1st International Conference on Uncertainty Quantification in Computational Sciences and Engineering UNCECOMP, Crete, 25-27 May, 2015.
- 3 M. Papadrakakis, V. Papadopoulos, V. Plevris and G. Stefanou (eds), Proceedings of the ECCOMAS Congress 2016, Crete, 5-10 June, 2016.
- 4 M. Papadrakakis, V.Papadopoulos, G. Stefanou (eds), Proceedings of the 1st International Conference on Uncertainty Quantification in Computational Sciences and Engineering UNCECOMP, Crete, June, 2017.
- 5 M. Papadrakakis, V.Papadopoulos, G. Stefanou (eds), Proceedings of the 1st International Conference on Uncertainty Quantification in Computational Sciences and Engineering UNCECOMP, Crete, June, 2019.
- 6 M. Papadrakakis, V.Papadopoulos, G. Stefanou (eds), Proceedings of the 1st International Conference on Uncertainty Quantification in Computational Sciences and Engineering UNCECOMP, Crete, June, 2021.
- 7 M. Papadrakakis, V.Papadopoulos, G. Stefanou (eds), Proceedings of the 1st International Conference on Uncertainty Quantification in Computational Sciences and Engineering UNCECOMP, Crete, June, 2023.

CITATIONS

- **3342** [Google Scholar](#) citations with h-index: **h=32**