Kostas Danas — Curriculum Vitae

LMS, École Polytechnique
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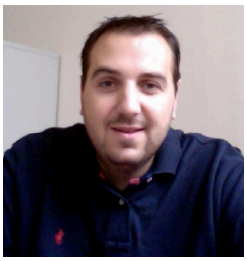

▪ PERSONAL INFO

Date of Birth: March 1st, 1981
Place of Birth: Kozani, Greece
Citizenship: Greek
Marital Status: Married, 1 child (2013)

▪ ACADEMIC POSITIONS

2016-present: Associate Professor (Professeur Chargé des Cours), Ecole Polytechnique, University of Paris Saclay, Palaiseau, France.

2009-present: Tenured Assistant Professor (Chargé de Recherche 1ere classe), CNRS, Laboratoire de Mécanique des Solides (LMS), Ecole Polytechnique, University of Paris Saclay, Palaiseau, France.

March 2012: Visiting Research Scholar, Department of Civil and Environmental Engineering, University of Illinois at Urbana-Champaign, U.S.A.

Oct-Dec 2009: Visiting Research Scholar, Department of Engineering, University of Cambridge, Centre for Micromechanics, Cambridge, U.K.

2008-2009: Postdoctoral Research Associate, Department of Engineering, University of Cambridge, Centre for Micromechanics, Cambridge, U.K.

▪ EDUCATION

2016: **HDR (Habilitation à Diriger des Recherches)**
Dissertation: *Soft and Metallic Microstructured Solids: Theory, Modeling and Experiments.*
University of Pierre and Marie Curie (Paris VI), Paris, France

2003-2008: **PhD in Mechanical Engineering and Applied Mechanics**
Dissertation: *Porous materials with evolving microstructure: constitutive modeling, numerical implementation and applications.*
University of Pennsylvania, Philadelphia, PA, U.S.A.
École Polytechnique, Palaiseau, France.

2003-2004: **Master of Science in Mechanical Engineering and Applied Mechanics**
Thesis: *Macroscopic properties and evolution of microstructure in porous plastic materials.*
University of Pennsylvania, Philadelphia, PA, U.S.A., GPA: 3.97/4.00.

1998-2003: **Diploma in Mechanical Engineering**
University of Thessaly, Greece, graduation ranked 1st student – GPA: 8.87/10
(5 years program, equivalent to Masters Degree in Greece)

▪ ACADEMIC HONORS AND SCHOLARSHIPS

2017: Médaille de Bronze du CNRS, INSIS (Bronze Medal of CNRS, Institute of Engineering Sciences).

2014: European Research Council (ERC) Starting Grant Award, Horizon 2020 programme to conduct a five-year research project (2015-2020) on smart magneto-active materials Funding (1.5M€).

2012: Award by Comite National Français de Mécanique to attend European Solid Mechanics Conference, Graz, Austria, 2012.

2009: Ranked 1st at the CNRS, Section 9, Chargé de Recherche competition 2009, France. Offered a CR2/CNRS Research position at LMS, École Polytechnique, Palaiseau, France.

2008: "Jeune post doc" by École Polytechnique for a period of three months.

2007: Student Competition Finalist, 44th Annual Technical Meeting, Society of Engineering Science, Texas A&M, 2007 with the paper "Homogenization-based constitutive models for porous media with evolving microstructure."

2005: The scholarship for Hellenes of the Alexander S. Onassis Public Benefit Foundation as a supplement to fulfill my PhD studies at École Polytechnique.

2004: The "Gaspard Monge" fellowship of École Polytechnique to carry out a PhD at the Laboratoire des Mécanique des Solides of École Polytechnique for a period of three years.

2003: Offered the Dean's Fellowship from Brown University and Princeton University, Accepted the Research Fellowship from University of Pennsylvania.

1998-2003: Greek National Scholarship Foundation for excellence in undergraduate studies (given only to the highest rank student).

2000-2003: Technical Chamber of Greece scholarship (given only to top five ranked students of the entire Polytechnique School in University of Thessaly).

▪ TEACHING EXPERIENCE

2016 – present: **"Elasticity and Fracture"**, Master Course, M4S, Ecole Polytechnique, University of Paris Saclay (12 hours per year).

2016 – present: **"Continuum Mechanics I"**, Undergraduate Course, Ecole Polytechnique, University of Paris Saclay (30 hours per year).

2010 – present: **"Numerical Methods"**, Master Course, Master Magis, Ecole Polytechnique, University of Paris Saclay (30 hours per year).

2013 – present:: **"Project in the Mechanics of Structures and Fluids"**, Undergraduate Level, Ecole Polytechnique, University of Paris Saclay (30 hours per year).

2010: Supervision for **"Continuum Mechanics"**, Undergraduate Course, L2, Ecole Polytechnique. University of Paris Saclay

2009: Teaching Assistant for **"Finite Element Methods"**, Fall Semester, Undergraduate Lab Course, L3, University of Cambridge.

2006-2008: Teaching Assistant for **"Mechanics of Solids"**, **"Vibrations"**, **"Foundations of Engineering Mathematics II", "Fluid Mechanics",** University of Pennsylvania.

Other short teaching activities

- Theoretical, numerical and experimental investigations of active magneto- and electro- elastic materials (4.5 hours), COMMAS Summer School, University of Stuttgart, Germany, 2015

- **PUBLICATIONS**

Publications in Refereed journals

- **K. Danas** (2017). Effective response of classical, auxetic and chiral magnetoelastic materials by use of a new variational principle, J. Mech. Phys. Solids, 105, 25-53.
- E. Bele, A. Goel, E.G. Pickering, G. Borstnar, O.L. Katsamenis, F. Pierron, **K. Danas**, V.S. Deshpande (2017). Deformation mechanisms of idealised cermets under multi-axial loading, J. Mech. Phys. Solids, 102, 80-100.
- Spyrou L., Agoras M., **Danas K.** (2017). A homogenization model of the Voigt type for skeletal muscle, J. Theor. Biology, 414, 50-61.
- Sfyris G., **Danas K.**, Wen G., Triantafyllidis N. (2016). Freedericksz instability for the twisted nematic device: A three-dimensional analysis, Phys. Rev. E, 94, 012704.
- Papadioti I., **Danas K.**, Aravas N. (2016). *A methodology for the estimation of the effective yield function of isotropic composites*, Int. J. Solids Structures, 87, 120-138.
- Mbiakop A., **Danas K.**, Constantinescu A. (2016). *A homogenization based yield criterion for a plastic Tresca material with ellipsoidal voids*, IUTAM Paris, Int. J. Fracture, 1-17.
- Mbiakop A., Constantinescu A., **Danas K.**, (2015). *An analytical model for porous single crystals with ellipsoidal voids*, J. Mech. Phys. Solids, 84, 436-467.
- Mbiakop A., Constantinescu A., **Danas K.**, (2015). *A model for porous single crystals with cylindrical voids of elliptical cross-section*, Int. J. Solids Structures, 64-65, 100-119.
- Cao T.-S., Maziere M., **Danas K.**, Besson J., (2015). *A model for ductile damage prediction at low stress triaxialities incorporating void shape change and void rotation*, Int. J. Solids Structures, 63, 240-263.
- Mbiakop A., Constantinescu A., **Danas K.**, (2015). *On void shape effects of periodic elasto-plastic materials subjected to cyclic loading*, Eur. J. Mechanics A/Solids, 49, 481-499.
- **Danas K.**, Triantafyllidis N., (2014). *Instability of a magnetoelastic layer resting on a non-magnetic substrate*, J. Mech. Phys. Solids, 69, 67-83.
- **Danas K.**, Deshpande V.S., (2013). *Plane-strain discrete dislocation plasticity with climb-assisted glide motion of dislocations*, Model. Simul. Mater. Sci. Engin., 21, 045008.
- Lopez-Pamies O., Goudarzi T., **Danas K.**, (2013). *The nonlinear elastic response of suspensions of rigid inclusions in rubber: II — A simple explicit approximation for finite-concentration suspensions*, J. Mech. Phys. Solids, 61, 19-37.
- **Danas K.**, Deshpande V.S., Fleck N.A., (2012). *Size effects in the conical indentation of an elasto-plastic solid*, J. Mech. Phys. Solids, 60, 1605-1625.
- **Danas K.**, Ponte Castañeda P., (2012). *Influence of the Lode parameter and the stress triaxiality on the failure of elasto-plastic porous materials*, Int. J. Solids Structures, 49, 1325-1342.
- **Danas K.**, Ponte Castañeda P., (2012). *Response to the comments of Hutchinson and Tvergaard*, Int. J. Solids Structures, 49, 3486.
- **Danas K.**, Aravas N., (2012). *Numerical modeling of elasto-plastic porous materials with void shape effects at finite deformations*, Composites: Part B, 43, 2544-2559.
- **Danas K.**, Kankanala S.V., Triantafyllidis N., (2012). *Experiments and modeling of iron-particle-filled magnetorheological elastomers*, J. Mech. Phys. Solids, 60, 120-138.
- **Danas K.**, Deshpande V.S., Fleck N.A., (2010). *Compliant interfaces: a mechanism for relaxation of dislocation pile-ups in a sheared single crystal*, Int. J. Plasticity, 26, 1792-1805.
- **Danas K.**, Ponte Castañeda P. (2009). *A finite-strain model for viscoplastic anisotropic porous media: I – Theory*, Eur. J. Mechanics A/Solids, 28, 387-401.
- **Danas K.**, Ponte Castañeda P. (2009). *A finite-strain model for viscoplastic anisotropic porous media: II – Applications*, Eur. J. Mechanics A/Solids, 28, 402-416.

- **Danas K.**, Idiart M. I., Ponte Castañeda P. (2008). *A homogenization-based constitutive model for isotropic viscoplastic porous media, Int. J. of Solids and Structures*, 45, 3392-3409.
- **Danas K.**, Idiart M. I., Ponte Castañeda P. (2008). *A homogenization-based constitutive model for two-dimensional viscoplastic porous media, Special Edition for H.D. Bui on Duality, inverse problems and nonlinear problems in solid mechanics, edited by J.B. Leblond and X. Markenscoff*, C.R. Mécanique 336, 79 – 90.
- Idiart M. I., **Danas K.**, Ponte Castañeda P. (2006). *Second-order estimates for nonlinear composites and application to isotropic constituents*, C.R. Mécanique 334, 575 – 581.

Publications in Conference Proceedings

- **Danas K.**, (2015). *A variational principle for numerical homogenization of periodic magnetoelastic composites*, CFM, Lyon, France.
- Pössinger T., Bodelot L., Bolzmacher C., **Danas K.**, Triantafyllidis N., (2015). *Experimental Characterization, Modeling and Simulation of Magneto-Rheological Elastomers*, 9th European Solid Mechanics Conference, ESMC15, Leganés-Madrid, Spain.
- Pössinger T., Bolzmacher C., Bodelot L., **Danas K.**, Triantafyllidis N., (2014). *Magneto-mechanical characterization of magnetorheological elastomers*, 16th International Conference on Experimental Mechanics, ICEM16, Cambridge, UK.
- Mbiakop A., Carpiuc A., Constantinescu A., **Danas K.**, (2013). *Cyclic behavior of elasto-plastic porous materials subjected to triaxial loading conditions*, CSMA, Giens, France.
- Triantafyllidis N., **Danas K.**, (2012). *Magnetorheological Elastomers*, MecaMat, Aussois, France.
- **Danas K.**, Kankanala S.V., Triantafyllidis N. (2011). *Magnetorheological Elastomers: Experiments and Modeling*, CSMA, Giens, France.
- **Danas K.**, Ponte Castañeda P. (2011). *Failure of elasto-plastic porous materials subjected to triaxial loading conditions*, CSMA, Giens, France.
- **Danas K.**, Idiart M.I., Ponte Castañeda P. (2007). *Homogenization-based constitutive models for two-dimensional viscoplastic porous media with evolving microstructure*, Jeulin, D. and Forest, S., (Eds.). In: Continuum Models and Discrete Systems (CMDS 11). Mines-Paris Tech, Paris, 143-148.
- **Danas K.**, Ponte Castañeda P. (2005). *Porous power-law composites: Yield surfaces and evolution of microstructure*, Mecamat, Aussois, France.

Patents

- Possinger T, Bodelot L., **Danas K.**, Triantafyllidis N., Bolzmacher C. (2015). Test specimen for a magnetorheological elastomeric material, French Patent No: 15 59468, Issued: 5th October 2015.

▪ RESEARCH GRANTS (RG) & INDUSTRIAL CONTRACTS (IC)

- **(RG)** "Active Magnetorheological Elastomers: from Hierarchical Composite Materials to Tailored Instabilities", PI: Kostas Danas, ERC* Starting Grant Award, Acronym: MAGNETO (ERC-StG-636903), Period: April 2015 - March 2020.
- **(RG)** "Influence of Casting Defects in the low cycle fatigue of lost foam casting aluminum alloys", PI: Eric Charckaluk, Co-PI for LMS: Kostas Danas, ANR** Collaborative Grant, Acronym: INDIANA (ANR-12-RMNP-0011), Period: January 2013 - December 2016.
- **(IC)** "Virtual microstructures and homogenization for porous geomaterials", PI: Kostas Danas, TOTAL, France, Period: January, 2014-present (active until 2019 via funding of thesis students).
- **(IC)** "Advanced homogenization models for porous materials and ductile fracture", PI: Kostas Danas, Nippon Steel & Sumitomo Metal Corporation, Period: January, 2013-December, 2015.
- **(RG)** "Ductile fracture at low stress triaxialities", PI: Dirk Mohr, One of 3 Co-PIs: Kostas Danas, ANR Collaborative Grant, Acronym: LOTERIE (ANR-11-BS09-0008), Period: January 2012 - December 2014.

*ERC: European Research Council

**ANR : Agence Nationale de la Recherche

▪ PLENARY & INVITED LECTURES

- ***(Invited talk)*** An analytical model for porous single crystals with ellipsoidal voids, ICTAM, Montreal, Canada, 2016.
- ***(Invited talk)*** A class of analytical models for porous single crystals with ellipsoidal voids, GAMM Workshop on Microstructures, Paris, France, 2016.
- ***(Invited talk)*** Recent advances in experiments and modeling of magnetorheological elastomers, GDR MEPHY Workshop, Agay, France, 2015.
- ***(Invited lecture)*** Modeling of porous materials consisting of isotropic and anisotropic matrix and implications on deformation localization, IUTAM Symposium: Ductile Fracture and Localization, Paris, France, 2015.
- ***(Invited lecture)*** Magnetorheological elastomers: from micro-deformation mechanisms to macroscopic instabilities and applications, IUTAM Symposium, Paris, France, 2014.
- ***(Invited lecture)*** Recent advances in the modeing of electro- and magneto-active materials, IUTAM Symposium, Evanston, IL, U.S.A, 2014.
- ***(Invited lecture)*** Elasto-plastic porous materials: Nonlinear homogenization and numerical implementation under various loading conditions, GAMM meeting, Erlangen-Nuremberg, Germany, 2014.
- ***(Plenary Lecture)*** Influence of the Lode parameter and the stress triaxiality on the localization of elasto-plastic porous materials, IDDRG, Zurich, Switzerland, 2013.
- ***(Invited lecture)*** Deformation mechanisms in iron-particle magnetorheological elastomers, EUROMECH 550, Poitiers, France, 2013.
- (***Invited Lecture*** together with Nick Triantafyllidis) Magnetorheological Elastomers, MecaMat, Aussois, France, 2012.
- ***(Keynote Lecture)*** Failure of elasto-plastic porous materials due to void shape effects and void growth, Congres Francais de Mecanique, Besancon, France, 2011.

▪ INVITED SEMINARS

- Magneto-Rheological elastomers and elasto-plastic materials: from micro-deformation mechanisms to instabilities (2016), IMDEA Materials, Madrid, Spain.
- Magneto-Rheological elastomers: from micro-deformation mechanisms to macroscopic instabilities and applications (2015), Civil and Enviromental Engineering Department, Georgia Tech, U.S.A
- Magneto-Rheological elastomers: from micro-deformation mechanisms to macroscopic instabilities and applications (2015), Center for Micromechanics, Engineering Department, Cambridge University, U.K.
- Magneto-Rheological elastomers: from micro-deformation mechanisms to macroscopic instabilities and applications (2015), Soft Matter Group, Department of Physics, Leiden University, Netherlands.
- Micro-deformation mechanisms of particle-filled magnetorheological elastomers: experiments, theory and numerics (2013), MCE, California Institute of Technology, U.S.A.
- Particle impregnated magnetorheological elastomers: experiments, theory and numerics (2012), MSME, Université Paris-Est, Marne La Vallée, France.
- Particle impregnated magnetorheological elastomers: experiments, theory and numerics (2012), Aerospace Engineering and Mechanics, University of Minnesota, Minneapolis, MN, U.S.A.
- Modelling size effects and dislocation climb in single crystals with discrete dislocation dynamics and strain gradient plasticity theories (2010), State University of New York, Stony Brook, U.S.A.
- Discrete Dislocation Dynamics and Strain Gradient formulations: a way to model size effects in plasticity (2010), University of Pierre et Marie Curie (Paris VI), Paris, France.
- Discrete Dislocation Dynamics and Strain Gradient formulations: a way to model size effects in plasticity (2010), LMS Graduate Seminar, Ecole Polytechnique, Palaiseau, France.
- Size effects in plasticity: Discrete Dislocation Dynamics and Strain Gradient Plasticity formulations (2009), University of Cambridge, Cambridge, U.K.

- Size effects in plasticity: Discrete Dislocation Dynamics and Strain Gradient Plasticity formulations (2009), University of Oxford, Oxford, U.K.
- Porous materials with evolving microstructure: A homogenization approach, EPFL Lausanne, 2008, Switzerland.
- Homogenization-based constitutive models for porous media with evolving microstructure, Departmental MEAM Seminar, University of Pennsylvania, 2007.

▪ CONFERENCE & WORKSHOP PRESENTATIONS

- On instabilities of active magnetorheological elastomers, ASME, Houston, USA, 2015.
- On variational formulations for periodic magneto-rheological elastomers, ESMC, Madrid, Spain, 2015.
- Void shape effects and porosity ratcheting of elasto-plastic materials subjected to cyclic loadings, CFRAC, Cachan, France, 2015.
- On variational formulations for periodic magneto-rheological elastomers, PACAM XV, Urbana—Champaign, Illinois, U.S.A, 2015.
- Active magnetorheological elastomers: numerical simulations and instabilities, ASME, Montreal, Canada, 2014.
- Magnetorheological elastomers: experiments and modeling, World Congress on Computational Mechanics, Barcelona, Spain, 2014.
- Numerical modeling of elasto-plastic porous materials with void shape effects at finite deformations, European Congress on Fracture, Trondheim, Norway, 2014.
- On the stability of MRE layers resting on soft substrates, ASME, San Diego, U.S.A., 2013.
- A numerical study on magnetorheological elastomers, CSMA, Giens, France, 2013.
- Experiments and modeling of MREs with particle chain microstructures, ICTAM, Beijing, China, 2012.
- A study on ductile fracture using nonlinear homogenization models for porous materials, ESMC, Graz, Austria, 2012.
- Deformation mechanisms in iron-particle magnetorheological elastomers, CIMTEC, Montecatini-Terme, Italy, 2012.
- Experiments and Modeling of transversely isotropic MREs, SES, Evanston, U.S.A., 2011.
- Experimental and Theoretical Investigation of MREs, CFM, Besancon, France, 2011.
- Failure of elasto-plastic porous materials subjected to triaxial loading conditions, CSMA, Giens, France, 2011.
- Magnetorheological Elastomers: Experiments and Modeling, CSMA, Giens, France, 2011.
- Experiments and modeling of iron-particle-filled magnetorheological elastomers, ASME Fall Conference, Symposium in honor of Drucker Medalist Prof. Rohan Abeyaratne, Vancouver, Canada, 2010.
- Localization analysis of porous metals via homogenization models incorporating microstructure evolution, US National Congress of Theoretical and Applied Mechanics, Penn State University, 2010 & ASME Fall Conference, Vancouver, Canada, 2010.
- Micro-indentation of elasto-viscoplastic solids, US National Congress of Theoretical and Applied Mechanics, Penn State University, U.S.A., 2010.
- Modelling dislocation climb with a novel discrete dislocation dynamics framework, ECCM, Paris, 2010.
- The role of surface coatings in size effects: Discrete dislocations vs strain-gradient crystal plasticity, ECMS, 2009, Lisbon, Portugal.
- Homogenization-based constitutive models for porous media with evolving microstructure, Student Competition Finalist, 44th Annual Technical Meeting, Society of Engineering Science, Texas A&M, 2007.
- Isotropic viscoplastic porous composites, International Conference on Thermo-Mechanical modeling of Solids, LMS, École Polytechnique, France, 2007.

▪ SUPERVISION PHD THESIS, MASTER AND INTERNSHIPS

Current PhD candidates

2016-2019(exp): Othmane ZERHOUNI
Title: *Microstructured Solids: from imaging to virtual microstructures at several scales.*
Co-supervision with Sébastian BRISARD (Ecole des Ponts)

2015-2018(exp): Erato PSARRA
Title: *Instabilities in magnetoelastic solids: experiments, theory and numerics.*
Co-supervision with Laurence BODELOT (LMS)

2015-2018(exp): Jean-Pierre VOROPAIEF
Title: *Magnetorheological elastomers: a study of the deformation mechanisms due to microstructural and viscous aspects.*
Co-supervision with Laurence BODELOT (LMS), Nick TRIANTAFYLLIDIS (LMS)

Graduated PhD students

2013-2017: Victor LEFÈVRE
Title: *Dielectric elastomer composites: analytical and numerical non-convex homogenization methods and applications.*
Co-supervision with Oscar LOPEZ-PAMIES
(University of Illinois, Urbana-Champaign, USA)

2012-2015: Armel Brice MBIAKOP NGASSA (defended September 15th, 2015)
Title: *Nonlinear homogenization in creeping solids: modeling, numerical implementation and applications to fatigue and fracture.*
Co-supervision with Andrei CONSTANTINESCU

2012-2015: Tobias POSSINGER (defended June 22nd, 2015)
Title: *Experimental characterization and modeling of magnetorheological elastomers for haptic applications.*
Co-supervision with Laurence BODELOT (LMS), Christian BOLZMACHER (CEA), Nick TRIANTAFYLLIDIS (LMS)

Post-Doctoral students

2016-2018: Krishnendu HALDAR, ERC Starting Grant, France.

2016-2018: Gabriella TARANTINO, ERC Starting Grant, France.

2015-2016: Long CHENG, ANR Project INDiANA, France.

2014-2015: Anoukou KOKOU, Project with TOTAL, France.

2013-2014: Trong-Son CAO, ANR Project LOTERIE in collaboration with J. BESSON, Mines ParisTech.

Master students

2016-2017: Siddhant KUMAR, 6 month internship, Master M4S.

2015-2016: Othmane ZERHOUNI, Master Project and 4 month internship, Master MAGIS.

2015-2016: Tu LE, Master Project and 4 month internship, Master MAGIS.

2014-2015: Erato PSARRA, Master Project and 4 month internship, Master MAGIS.

2011-2012: Andreea CARPIUC, Master Project and 4 month internship, Master MAGIS.

2011-2012: Chetra MANG, Master Project and 4 month internship, Master MAGIS.

Undergraduate Internship students

2013-2014: Anna BAUER, 3rd year Project 4 month internship, Ecole Polytechnique.

2013-2014: Aryan SAURAV, 3rd year Project 8 month internship, Ecole Polytechnique.

2012-2013: Thomas CARLIOZ, 3rd year Project 4 month internship, Ecole Polytechnique.

2011: Satyajit DAS, 3 month undergraduate internship via INDIA - FRANCE agreement.

▪ PROFESSIONAL SERVICES

International Journal Referee:

Journal of the Mechanics and Physics of Solids; International Journal of Solids and Structures; European Journal of Mechanics A/Solids; Journal of Elasticity; International Journal of Nonlinear Mechanics; International Journal for Numerical Methods in Engineering; Journal of Applied Mechanics; Mechanics of Materials; Engineering Fracture Mechanics; Journal of Composite Materials; Mechanics Research Communications; Computational Material Sciences; Journal of Mechanics and Materials and Structures; Extreme Mechanics Letters; Modeling and Simulation in Material Science and Engineering; Smart Materials and Structures

Committees

2012-present: Researcher in charge of LMS-CMAP Cluster, Ecole Polytechnique.
2014-2016: Member of the Department of Mechanics Committee, Ecole Polytechnique.
2014: Recruitment Committee for Assistant Professor, University of Pierre and Marie Curie.
2011-2012: Construction of Web Page of LMS, École Polytechnique (together with J.-M. Allain).
2005-2006: Co-organizer of the « Graduate Research Seminar » at LMS, École Polytechnique.

Symposium/Workshop Organizer

2016: Mechanics and Physics (GDR MEPHY) workshop, ESPCI, Paris, Co-organized with Benoit Roman (ESPCI, France).

2015: "Plasticity", XV Pan-American Congress of Applied Mechanics, Co-organized with Dennis Kochmann (Caltech, USA).

▪ PROFESSIONAL AFFILIATIONS

- Association Français de Mécanique (AFM)
- Fédération Francilienne de Mécanique (F2M)
- American Society of Mechanical Engineers (ASME)
- Association of Greek Engineers (TEE)

▪ LANGUAGES

Fluent in English, French and Greek (native)