



# ICSAAM 2024

*The 11th International Conference on Structural Analysis of Advanced Materials  
06- 10 October 2024, Protaras (Paralimni), Cyprus*

**11<sup>TH</sup> INTERNATIONAL CONFERENCE ON STRUCTURAL ANALYSIS OF ADVANCED MATERIALS:  
OCTOBER 06- 10, 2024 PROTARAS (PARALIMNI), CYPRUS**

## Chairman

**Dr. Vassilis M. Drakonakis**

- Managing Director & Co-founder, AmaDema  
Advanced **M**aterials **D**esign & **M**anufacturing LTD  
- Adjunct Lecturer, Engineering Department,  
University of Nicosia, Cyprus

## Co-Chairman

**Prof. George C. Papanicolaou**

- Professor Emeritus,  
Department of Mechanical and Aeronautics  
Engineering,  
University of Patras, Greece

**04/09/2024**

Dear colleagues,

I am cordially contacting you to announce the upcoming 'International Conference on Structural Analysis of Advanced Materials' (**ICSAAM 2024**), that will take place **between the 6<sup>th</sup> and the 10<sup>th</sup> of October 2024 at Protaras**, a gorgeous resort on the southeastern coast of Cyprus.

**ICSAAM** has been initiated more than a decade ago and is an International Conference, co-organized by six different European Universities where friends and colleagues working in scientific fields mainly related to engineering and biomechanics of polymers and polymeric composites, metals and ceramics, biomaterials and nanomaterials, applied to modern industrial applications, are gathered to exchange new ideas on subjects related to mechanical and structural analysis of advanced materials.

**ICSAAM 2024** Conference is organized by: **Greece** (University of Patras), **Romania** (University Politehnica of Bucharest), **France** (University of Technology Tarbes Occitanie Pyrenees - UTTOP), **Portugal** (University of Porto), **Italy** (University of Campania "Luigi Vanvitelli") and **Cyprus** (University of Nicosia). More information at: <https://icsaam2024.eu/>.

We are kindly inviting you to save the dates of the conference and plan your participation at **ICSAAM 2024**. We do believe that your participation would greatly enhance the conference. We will be more than happy to provide any additional information or assistance you may require for your visit.

Looking forward to your participation at **ICSAAM 2024** and to welcoming you at Cyprus.

With best regards,

Vassilis Drakonakis,  
ICSAAM 2024 Chairman  
Managing Director & Co-founder, AmaDema  
Adjunct Lecturer, Engineering Dept, University of Nicosia, Cyprus  
E-mail: [vassilis@amdcomposites.com](mailto:vassilis@amdcomposites.com)  
Phone: +357 96 411830



# ICSAAM 2024

*The 11th International Conference on Structural Analysis of Advanced Materials*  
06- 10 October 2024, Protaras (Paralimni), Cyprus

Co-organized by:



ROMANIA



GREECE



ITALY



PORTUGAL



FRANCE



CYPRUS

The island of Cyprus:

<https://www.youtube.com/watch?v=kb2-6zemmj8>

<https://www.youtube.com/watch?v=BuaJOpfo98Q>

The Conference Venue:

The five-star **GRECIAN PARK HOTEL** is situated adjacent to the National Park of Cape Greco with breathtaking views of the Mediterranean (<https://www.grecianpark.com/en/>)





# ICSAAM 2024

*The 11th International Conference on Structural Analysis of Advanced Materials*  
06- 10 October 2024, Protaras (Paralimni), Cyprus

## ICSAAM Co-Chair of the Co-Organizing Institutions

**Vassilis Drakonakis**, Adjunct Lecturer and Research Associate, Department of Engineering University of Nicosia; Co-founder and Managing Director, **AmaDema**, Advanced **M**aterials **D**esign & **M**anufacturing Limited, Nicosia, **Cyprus**, E-mail: [vassilis@amdmcomposites.com](mailto:vassilis@amdmcomposites.com)

**George C. Papanicolaou**, Professor Emeritus, Dept. of Mechanical and Aeronautics Engineering., University of Patras, **Greece**, E-mail: [gpapan@upatras.gr](mailto:gpapan@upatras.gr)

**Alberto D'Amore**, Professor, University of Campania Luigi Vanvitelli (formerly The Second University of Naples-SUN) · Engineering, **Italy**, E-mail: [Alberto.DAMORE@unicampania.it](mailto:Alberto.DAMORE@unicampania.it)

**António Torres Marques**, Professor, University of Porto, Department of Mechanical Engineering, Porto, **Portugal**, E-mail: [marques@fe.up.pt](mailto:marques@fe.up.pt)

**Pedro Moreira**, Professor, FEUP – Faculdade de Engenharia, Universidade do Porto, **Portugal**  
E-mail: [pmoreira@inegi.up.pt](mailto:pmoreira@inegi.up.pt); [pmqpm@fe.up.pt](mailto:pmqpm@fe.up.pt);

**Rui Miranda Guedes**, Professor, Dept. of Mechanical Engineering, Applied Mechanics Section, FEUP, **Portugal**  
E-mail: [rmguedes@fe.up.pt](mailto:rmguedes@fe.up.pt)

**Olivier Dalverny**, Professor, University of Toulouse, Université de Technologie Tarbes Occitanie Pyrénées (UTTOP), **France**  
E-mail: [olivier.dalverny@uttop.fr](mailto:olivier.dalverny@uttop.fr)

**Pierre Ouagne**, Professor, University of Toulouse, Université de Technologie Tarbes Occitanie Pyrénées (UTTOP), **France**  
E-mail: [pierre.ouagne@uttop.fr](mailto:pierre.ouagne@uttop.fr)

**Gabriel JIGA**, Prof. Ph.D. Eng. University "POLITEHNICA" of Bucharest, Faculty of Industrial Engineering and Robotics, **Romania**, E-mail: [gabriel.jiga@upb.ro](mailto:gabriel.jiga@upb.ro); [gabijiga@yahoo.com](mailto:gabijiga@yahoo.com)

General Secretariat of ICSAAM 2024

Mrs. Constantina Moullotou

AmaDema, Cyprus

E-mail: [c.moullotou@amdmcomposites.com](mailto:c.moullotou@amdmcomposites.com)



# ICSAAM 2024

The 11th International Conference on Structural Analysis of Advanced Materials  
06- 10 October 2024, Protaras (Paralimni), Cyprus

## ICSAAM 2024 International Scientific Committee ISC Co-Chair

**Constantinos Soutis**, PhD(Cantab), FREng  
Professor Emeritus, Materials Engineering  
Faculty of Science and Engineering  
University of Manchester,  
Manchester M13 9PL, UK  
e-mail: [constantinos.soutis@manchester.ac.uk](mailto:constantinos.soutis@manchester.ac.uk),  
Website: [www.mace.manchester.ac.uk](http://www.mace.manchester.ac.uk)

**John Botsis**, Professor Emeritus,  
Institute of Mechanical Engineering,  
Laboratory of Applied Mechanics and Reliability Analysis EPFL STI / IGM / LMAF,  
Lausanne, Switzerland,  
e-mail: [john.botsis@epfl.ch](mailto:john.botsis@epfl.ch)  
Website: <https://people.epfl.ch/john.botsis>

---

## International Scientific Committee Members

1. **Danny Van Hemelrijck**, Professor, Department Mechanics of Materials and Constructions (MeMC), Vrije Universiteit Brussel (VUB), Pleinlaan 2, 1050 Brussels, **Belgium**,  
e-mail: [Danny.Van.Hemelrijck@vub.ac.be](mailto:Danny.Van.Hemelrijck@vub.ac.be)
2. **Kalliopi-Artemi Kalteremidou**, Department of Mechanics of Materials and Constructions, Vrije Universiteit Brussel, Pleinlaan 2, 1050 Brussels, **Belgium**,  
e-mail: [Kalliopi-Artemi.Kalteremidou@vub.be](mailto:Kalliopi-Artemi.Kalteremidou@vub.be)
3. **Christos Spitas**, Professor of Aerospace Engineering at the University of Nottingham, Ningbo, **China** (UNNC), e-mail: [cspitas@gmail.com](mailto:cspitas@gmail.com)
4. **Elias Yfantis**, Program Coordinator for Mechanical Engineering, University of Nicosia, Cyprus. Senior Scientist, Cyprus Marine and Maritime Institute, Larnaca, **Cyprus**,  
e-mail: [yfantis.e@unic.ac.cy](mailto:yfantis.e@unic.ac.cy); [elias.yfantis@cmmi.blue](mailto:elias.yfantis@cmmi.blue)
5. **Theodora Krasia**, Professor, Department of Mechanical and Manufacturing Engineering, University of Cyprus, **Cyprus**, e-mail: [krasia@ucy.ac.cy](mailto:krasia@ucy.ac.cy)
6. **Ioannis Ioannou**, Department of Mechanical and Manufacturing Engineering, University of Cyprus; Senior Advisor at AmaDema (Advanced Materials Design & Manufacturing), **Cyprus**,  
e-mail: [i.ioannou@amdmcposites.com](mailto:i.ioannou@amdmcposites.com), [ioann24@ucy.ac.cy](mailto:ioann24@ucy.ac.cy)



# ICSAAM 2024

The 11th International Conference on Structural Analysis of Advanced Materials  
06- 10 October 2024, Protaras (Paralimni), Cyprus

7. **Andreas Prodromou**, Department of Department of Mechanical Engineering and Materials Science and Engineering, Cyprus University of Technology; Senior Advisor at AmaDema (Advanced Materials Design & Manufacturing), **Cyprus**, e-mail: [a.prodromou@amdmcomposites.com](mailto:a.prodromou@amdmcomposites.com)
8. **Vassilis Drakonakis**, Managing Director of AmaDema (Advanced Materials Design & Manufacturing Limited), **Cyprus**, e-mail: [vassilis@amdmcomposites.com](mailto:vassilis@amdmcomposites.com)
9. **Olivier Dalverny**, Professor, Université de Technologie Tarbes Occitanie Pyrénées (UTTOP), **France**, e-mail: [olivier.dalverny@utttop.fr](mailto:olivier.dalverny@utttop.fr)
10. **George Papanicolaou**, Professor Emeritus, Composite Materials Group, Department of Mechanical Engineering and Aeronautics, University of Patras, Rion, **Greece**, e-mail: [gpapan@upatras.gr](mailto:gpapan@upatras.gr)
11. **Vassilios Kostopoulos**, Professor, Laboratory of Applied Mechanics and Vibrations, Department of Mechanical Engineering and Aeronautics, University of Patras, Rion, **Greece**, e-mail: [kostopoulos@mech.upatras.gr](mailto:kostopoulos@mech.upatras.gr)
12. **Diana Portan**, Laboratory of Biomechanics and Biomedical Engineering, Department of Mechanical Engineering and Aeronautics, University of Patras, **Greece**, e-mail: [diana.portan@gmail.com](mailto:diana.portan@gmail.com)
13. **Georgios Psarras**, Professor, Department of Materials Science, University of Patras, **Greece**, e-mail: [psarras@upatras.gr](mailto:psarras@upatras.gr)
14. **Evi Kontou**, Professor Emeritus, Mechanics Department, National Technical University of Athens, NTUA, Athens, **Greece**, e-mail: [ekontou@central.ntua.gr](mailto:ekontou@central.ntua.gr)
15. **Dionysios Mouzakis**, Professor, Hellenic Army Academy, Department of Military Sciences, Sector of Mathematics and Engineering Applications, Mechanics of Materials Laboratory, Vari, **Greece**, e-mail: [demouzakis@sse.gr](mailto:demouzakis@sse.gr)
16. **Stephanos Zaoutsos**, Professor, Laboratory of Advanced Materials and Constructions, Department of Energy Systems, University of Thessaly, Larissa, **Greece**, e-mail: [szaoutsos@teilar.gr](mailto:szaoutsos@teilar.gr)
17. **Alkis Paipetis**, Professor, Materials Science & Engineering Department, University of Ioannina, **Greece**, e-mail: [paipetis@uoi.gr](mailto:paipetis@uoi.gr)
18. **Nektaria Barkoula**, Professor, Department of Materials Engineering, University of Ioannina, **Greece**, e-mail: [nbarkoul@uoi.gr](mailto:nbarkoul@uoi.gr)
19. **Theodora Katsila**, Institute of Chemical Biology, National Hellenic Research Foundation, 11635 Athens, **Greece**, e-mail: [thkatsila@eie.gr](mailto:thkatsila@eie.gr)
20. **Athanasios Baltopoulos**, Commercial Director of ADAMANT COMPOSITES Ltd., **Greece**, e-mail: [baltopoulos@adamant-composites.com](mailto:baltopoulos@adamant-composites.com)





# ICSAAM 2024

The 11th International Conference on Structural Analysis of Advanced Materials  
06- 10 October 2024, Protaras (Paralimni), Cyprus

21. **Antonios Vavouliotis**, Managing Director of ADAMANT COMPOSITES Ltd., Greece, e-mail: [vavouliotis@adamant-composites.com](mailto:vavouliotis@adamant-composites.com)
22. **Nikolaos Melanitis**, Professor, Hellenic Naval Academy, Greece, e-mail: [melanitis@hna.gr](mailto:melanitis@hna.gr)
23. **Charalabos Doumanidis**, Senior Technical Advisor of AmaDema (Advanced Materials Design & Manufacturing Limited), Greece, e-mail: [hdoumani@gmail.com](mailto:hdoumani@gmail.com)
24. **Gad Marom**, Professor Emeritus, Casali Institute of Applied Chemistry, The Institute of Chemistry, The Hebrew University of Jerusalem, Israel, e-mail: [gad.marom@mail.huji.ac.il](mailto:gad.marom@mail.huji.ac.il)
25. **H. Daniel Wagner**, Professor, Department of Molecular Chemistry and Materials Science, Weizmann Institute of Science, Rehovot 76100, Israel, e-mail: [daniel.wagner@weizmann.ac.il](mailto:daniel.wagner@weizmann.ac.il)
26. **Alberto D'Amore**, Professor, University of Campania Luigi Vanvitelli (formerly The Second University of Naples-SUN), Engineering, Italy, e-mail: [alberto.damore@unicampania.it](mailto:alberto.damore@unicampania.it)
27. **Tatjana Glaskova-Kuzmina**, University of Latvia, Latvia, e-mail: [tatjana.glaskova-kuzmina@lu.lv](mailto:tatjana.glaskova-kuzmina@lu.lv)
28. **Sotirios A. Grammatikos**, Professor, Director of ASEMLab ([www.asemlab.no](http://www.asemlab.no)), Manager of Group Sustainable Composites, Department of Manufacturing & Civil Engineering, NTNU-Norwegian University of Science and Technology ([www.ntnu.no](http://www.ntnu.no)), Norway, e-mail: [sotirios.grammatikos@ntnu.no](mailto:sotirios.grammatikos@ntnu.no)
29. **Tomasz Sadowski**, Professor, Head of Department of Solid Mechanics Lublin University of Technology, Department of Solid Mechanics, Lublin, Poland, e-mail: [sadowski.t@gmail.com](mailto:sadowski.t@gmail.com)
30. **Antonio Torres Marques**, Professor, University of Porto, UP, Departamento de Engenharia Mecânica, Portugal, e-mail: [marques@fe.up.pt](mailto:marques@fe.up.pt)
31. **Rui Miranda Guedes**, Professor, Department of Mechanical Engineering (DEMec), Faculty of Engineering, University of Porto (FEUP), Porto, Portugal. INEGI – Laboratory of Optics and Experimental Mechanics, Porto, Portugal. LABIOMEPE – Porto Biomechanics Laboratory, University of Porto, Porto, Portugal. LEPABE, Faculdade de Engenharia, Universidade Do Porto Porto, Portugal, e-mail: [rmguedes@fe.up.pt](mailto:rmguedes@fe.up.pt)
32. **Carmen Moldovan**, National Institute for R&D in Microtechnologies (IMT-Bucharest), 126A Erou Iancu Nicolae Street, Voluntari, Romania, e-mail: [carmen.moldovan@imt.ro](mailto:carmen.moldovan@imt.ro)
33. **Gabriel Jiga**, Professor, University "POLITEHNICA, Romania, Faculty of Industrial Engineering and Robotics, Bucharest, Romania, e-mail: [gabijiga@yahoo.com](mailto:gabijiga@yahoo.com); [gabriel.jiga@upb.ro](mailto:gabriel.jiga@upb.ro)



# ICSAAM 2024

*The 11th International Conference on Structural Analysis of Advanced Materials  
06- 10 October 2024, Protaras (Paralimni), Cyprus*

## *Participating Countries*

- 1. Belgium | 2. Cyprus | 3. France | 4. Greece | 5. Israel | 6. Italy |  
7. Latvia | 8. Norway | 9. Poland | 10. Portugal | 11. Romania*

## *Important dates for the Conference*

<b>Conference Dates:</b>	06 – 10 October, 2024
<b>Hotel Booking with ICSAAM2024 discounted prices until:</b>	30 September, 2024
<b>Abstract Submission Deadline:</b>	20 September, 2024
<b>Early registration:</b>	before 31 August, 2024
<b>Late registration:</b>	after 31 August, 2024
<b>Announcement of Tentative Programme:</b>	to be announced
<b>Announcement of Final Programme:</b>	to be announced

04/09/2024