

Prof. ioannis MICHALOUDIS, PhD

LinkedIn: <https://www.linkedin.com/in/prof-michalou-di-s-michalous-97515741/>

FB: <https://www.facebook.com/michalous>

Instagram: <https://www.instagram.com/michaloudis.ioannis/>

cell phone: +357 963 46 963

conference call: +30 6955 707227

email: michalou@alum.mit.edu



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URLS

- https://spinoff.nasa.gov/Aerogel_Art_Attracts_Attention
- <http://orcid.org/0000-0002-4314-0017>
- <https://scholar.google.com.au/citations?user=Z2-Mf-YAAAAJ&hl=en>
- <https://espace.cdu.edu.au/list/author/Michaloudis%2C+Ioannis/>
- <https://demokritos.academia.edu/IoannisMICHALOUdiS>
- https://www.mfa.gr/australia/images/stories/canberra/docs/On_Cloud_Seven_Brochure.pdf
- <http://www.sciencedirect.com/science/article/pii/S0094576514002525>
- <https://www.nytimes.com/2020/07/10/fashion/jewelry-couture-boucheron-van-cleef-and-arpels.html>
- <https://www.abc.net.au/news/2016-08-10/darwin-artist-having-art-rocketed-to-the-moon/7712712>
- <https://neoskosmos.com/en/23623/the-cloud-hunter-ioannis-michaloudis/>
- <http://www.michalous.com>
- <https://inn.demokritos.gr/person/ioannis-michaloudis/>

PROFILE

Professor ioannis Michaloudis, PhD, is a researcher, academic, visual artist and designer internationally acknowledged as one of the leaders in Art&Science and the first ever creator and investigator on the application of the NASA's nanomaterial silica aerogel in Fine Arts and Design. He was born in Greece on the 26th of January 1965 and he is the father of two daughters.

CAREER OVERVIEW

Professor ioannis Michaloudis has 30 years of University Teaching & Research work experience. He obtained his doctorate degree of Visual Arts in Arts&Sciences of Arts in 1998 at Sorbonne University. In Paris he taught undergraduate Product Design students for 7 years in the *E.N.S.Arts Décors* School. After receiving the Fulbright "Award for Greek Artists", he had been invited as a Research Fellow by MIT in USA to undertake Postdoctoral research on Art&Nanotechnology, whilst supervising postgraduate students (2001-2003). For the years 2012-2014 he was teaching Visual Arts and Design students at all levels in Curtin University, School of Design and Art, Western Australia. For the years 2016-2018, as a Senior Lecturer at Charles Darwin University, NT, Australia, he was coordinating the Postgraduate program in Visual Arts & Design. He is the author of copious journal conference papers, 3 books and 3 book chapters; he has participated in 4 Biennales of Art and has been awarded the "Golden Lighthouse" in the XXIV Biennale of Alexandria in Egypt. He has exhibited his artworks in 24 curated international exhibitions and has been invited in more than 25 Art&Science exhibitions and conferences worldwide. Since 2018 he has an Honorary Research Associate position at the Institute of

Nanoscience and Nanotechnology at NCSR “Demokritos”, Athens Greece and has an Adjunct Faculty position at the International Space university, Strasbourg France. From October 2020 he is the Founding Dean of Faculty of Arts & Humanities at The American University of Cyprus (AUCY), Larnaca, Cyprus.

I. ACADEMIC QUALIFICATIONS

- 2001-2003 **Postdoctoral** research in Art & Science, School of Architecture & Planning, Center for Advanced Visual Studies, Massachusetts Institute of Technology, MA, USA. Projects: *(Nephele)³: sculpting of clouds using high power CO₂ lasers* and *Aer()sculpture: application of the NASA's nanomaterial silica aerogel in Visual Arts and Design* <http://act.mit.edu/cavs/person/ffed1221-4f28-4568-be83-ab21a3e7becf>
- July 1998 **Doctorate**, Human Sciences, Arts & Sciences of Art, Visual Arts, Sorbonne University, Paris I, Panthéon-Sorbonne, France, Europe, topic: “Androgynous’ Button: Elastic Relationships between Design and Visual Arts” <http://www.theses.fr/1998PA010606>
- July 1992 **MPhil**, Visual Arts, Sorbonne University, Paris I, Panthéon-Sorbonne, France, EU.
- June 1991 **Diploma**, Product Design (Fashion), École Normale Supérieure des Arts Décoratifs, Paris, France, EU.
- June 1989 **Bachelor**, Interior Design (Textile), University of Western Attica, Athens, Greece

II. PROFESSIONAL DEVELOPMENT

- 2012, 2018 *Postgraduate Certificate of University Learning and Teaching, Curtin University and Charles Darwin University, Australia.*
- 10/2015 *Creating Capacity in Research Leadership Applied Science University, Bahrain*
- 09/2014 *Classroom Management Workshop, Kingdom University, Bahrain*
- 10/2014 *Quality Management System (QMS), Kingdom University, Bahrain*
- 03-04/2013 *Foundations of Teaching & Learning, Curtin University, Western Australia*
- 10/2012 *Occupation Safety and Health Responsibilities for Managers and Supervisors, Curtin University, Western Australia*
- 10/2012 *Work Planning and Perform Review for Academic Staff, Curtin University, Western Australia*
- 05/2002 *Preparing Competitive Research Proposals, MIT, MA, USA*
- 04/2002 *Giving Great Presentations, MIT, MA, USA*
- 02/2002 *Project Planning and Organization, MIT, MA, USA*

III. SCHOLARSHIPS

- 2001-2003, Hellenic Republic Scholarships Foundation (IKY), Greece, EU: used for the post doctorate research at MIT, MA, U.S.A
- 1995, Foundation “A.G. Leventis”, Paris, France, EU: used for the Doctorate in Visual Arts at Sorbonne University, Paris, France, EU
- 1992-1995, Foundation “Alexander S. Onassis”, Greece, EU: used for the Doctorate in Visual Arts at Sorbonne University, Paris, France, EU.
- 1991, “University of Sorbonne”, Paris, France, EU: used for the Doctorate in Visual Arts.
- 1989-1992, Hellenic Organization SME \$ Handicraft (EOMMEX), Greece, EU, used for the Diploma in Product Design at ENSArts Decos

IV. AWARDS

- “Prosopa Award”, CNN Greece, 12/2024
<https://www.cnn.gr/ellada/story/452707/dr-ioannis-mixaloydis-i-viral-tsanta-pou-edeikse-pos-texni-kai-epistimi-einai-sygkoinonoynta-doxeia>
- “The Venice Glass week 2024. Special Jury Price and Recognition”
<https://theveniceglassweek.com/en/the-venice-glass-week-2024-special-jury-prize-and-reconitions/#:~:text=5°N%2C%20curated%20by,role%20in%20science%20a nd%20technology.>
- “TIMIS ENEKEN” award, Cultural Foundation of Anavra Karditsas, Greece, 08/2024
- “Award for Excellence in Arts, American University of Cyprus, 07/ 2024
- “Best Professor in Interior Design”, 2015 Asian Education Leadership Award, Dubai, UAE
- ‘Best Creative Work of the Year”, Curtin University, Western Australia, 2012
- “Golden Lighthouse”, XXIV Alexandria’s Biennale for Mediterranean Countries, Egypt, 2007
- Massachusetts Institute of Technology’s “Dean”, “Provost for the Arts”, “Council for the Arts”, (3 awards), MA, USA, 2002
- “Greek Artist’s Award “, J. W. Fulbright Foundation, USA, 2001
http://www.fulbright.gr/images/alumni/pdf/GR_Grantees_2001-2002.pdf
- “Pro-Vice Chancellor’s Graduation Award”, TEI of Athens, Greece, EU

V. ACADEMIC CAREER HISTORY

TEACHING & LEARNING

10/2020 - now	Founding Dean, Faculty of Arts & Humanities, American University of Cyprus (AUCY), Larnaca, Cyprus.
02/2016 – 8/2018	Senior Lecturer in Visual Arts (ALC5), College of Indigenous Futures Arts and Society, Charles Darwin University, NT, Australia (full-time academic)
09-12/2017	Mentor for the project-based learning course “Aerogel-Material of the Future”, Academy of Curious Minds and Sciences, Kraków, Poland

- 09/2014 – 12/2015 Assistant Professor, Head of Department of Interior Design, College of Architecture, Engineering and Design, Kingdom University, Bahrain, (full-time academic).
- 07/2012 – 07/2014 Lecturer (ALB6), School of Design and Art, Curtin University, Perth, W.A, (full-time academic)
- 09/2011 – 07/2012 Adjunct Assistant Professor, Faculty of Fine Arts & Design, Technical Educational Institute of Athens, Greece, EU, (part time academic)
- 01/ 2009 – 05/2009 Mentor @ Iowa State University, Material Science & Engineering, IA, U.S.A, project: “Sculpting tools for aerogels”
- 09/2001-12/2003 Research Fellow, Massachusetts Institute of Technology (MIT), MA, U.S.A (full time Honorary Position)
- 01/1992 – 10/1999 Associate Lecturer, École Normale Supérieure des Arts Décoratifs, Paris, France, EU (part-time Academic).

RESEARCH

- 11/2017-12/2017 *Artist In Residence*, Kyoto University, Graduate School of Science, Department of Inorganic Chemistry.
- 01/ 2008 – 01/ 2010 Individual Researcher-Subcontractor @ European Space Agency (E.S.A) & National Hellenic Research Foundation (N.H.R.F), Athens, Greece, EU, contract number: 21157/NL/PA
- 04/2007 Artist in Residence @ Penn State University & Lehigh Uni, PA, USA
- 10/2005 – now Founder and Director of the Art&Nanotechnology SME “Ioannis Michaloudis Co”, Athens, Greece, EU
- 03/2004 Artist in Residence @ Department of Physics, Shivaji University, Kolhapur, Maharashtra, India
- 09/2001 – 12/2003 Research Affiliate, Center for Advanced Visual Studies, Massachusetts Institute of Technology (MIT), Boston, MA, USA, <http://act.mit.edu/cavs/person/ffed1221-4f28-4568-be83-ab21a3e7becf>

HONORARY APPOINTMENTS

- 06/2018 – now *Research Associate*, NCSR Demokritos, Institute of Nanoscience and Nanotechnology (INN), Archaeological and Building Materials Lab, Ceramics and Composite Materials research group, Athens Greece (Honorary Position), <https://inn.demokritos.gr/person/ioannis-michaloudis/>
- 02/2019 – now Visiting Lecturer, International Space University, Strasbourg, France (Honorary Position) <https://www.isunet.edu/space-studies-visiting-lecturers/>

HDR SUPERVISIONS

Since 2012 I've been registered as “Level 1 Supervisor” of Doctoral and Master

students (Curtin University, reg.1171/3 Oct. 2012) with 2 completed PhD supervisions and 5 Masters in Visual Arts ad Design.

HDR supervision practices:

One of my MPhil students at Curtin University upgraded to a PhD, he completed his doctorate after 3 years and graduated in September 2015; Dr. Miik Green after his thesis entitled "Contemporary Arts Practice: Disequilibrium/Limbo/Resistance", continues as a free-lance artist in Western Australia.

At Charles Darwin University I was coordinating the HDR Program in Visual Arts and Design. I was the principal supervisor of 4 PhD and 4 Master candidates with 50% or more contribution; and the associate supervisor of my fifth PhD student with 25%.

One of my CDU PHD candidates (Ian Hance) had completed his thesis in March 2019 with the title "Painting the Humorous Kitschgrotesque of the Dressed-up TER[mite moun]DS in Tropical Australia".

One of my CDU Master students (vanRoden Matthieu, "Queer Matter/s: Queering as contemporary visual art practice") had completed his Master exegesis in June 2019 and entered in his doctorate.

VI. PUBLICATIONS

BOOKS & BOOK CHAPTERS

- 2025 Michaloudis I., (art)^{sci}, art raised to the power of nanoscience: silica aerogel sculptures, Springer/Nature, *monograph in progress*.
- 2023 Michaloudis I., «Aer()sculpture: A Free-Dimensional Space Art», chapter 63 in Aegerter M.A, Leventis N., Koebel M., Steiner, S., Springer Handbook of Aerogels, Springer, pp.1555-1579,
https://link.springer.com/chapter/10.1007/978-3-030-27322-4_63
- 2021 Michaloudis I., Tanaka Y., A (C)osmosisart in-between Disciplines (edited book), Cambridge Scholars, <https://www.cambridgescholars.com/product/978-1-5275-7163-1>
- 2017 Paton D., Michaloudis I., et al. "Art and Disaster Resilience: Perspectives from the Visual and Performing Arts, in Paton D. and Johnston D.M. (Eds), Disaster Resilience: An integrated approach, (2nd Ed) chapter 12, pp. 212-235, Springfield Ill., USA, Charles C. Thomas Publ., ISBN:978-0-398-09169-9, (edition I and II),
<https://www.amazon.com/Disaster-Resilience-Integrated-Douglas-Paton/dp/0398091692>
- 2011 Michaloudis I., «Aer()sculpture: A Free-Dimensional Space Art», in Aegerter M.A, Leventis N., Koebel M., Aerogels Handbook, Springer 2011, ISBN 978-1-4419-7477-8, chapter 35, p.p 791-810,
https://link.springer.com/chapter/10.1007/978-1-4419-7589-8_35
- 1999 Michaloudis, I., 1999. L'habit d'androgyne (Doctoral dissertation, Atelier national de Reproduction des Thèses), France,
<http://www.theses.fr/1998PA010606>

JOURNAL PAPERS Refereed

- 2024 Michaloudis I., Rao V.A., Kanamori K., Sky-mimesis, a path from nanotechnology to visual arts: A review of art applications of aerogels, *Micro and Nano Engineering*, Volume 23, 2024,100248, ISSN 2590-0072, <https://doi.org/10.1016/j.mne.2024.100248>
<https://www.sciencedirect.com/science/article/pii/S259000722400011X>
- 2023 Michaloudis, I., Papachristopoulou, K., El-Zein, F. et al. (M)other tongue: the optic and haptic scale for restAURation works made of silica aerogel. *J Sol-Gel Sci Technol* 106, 480–494 (2023). <https://doi.org/10.1007/s10971-022-05987-7>
- 2022 Michaloudis, I., Kanamori, K., Pappa, I. et al. U(rano)topia: spectral skies and rainbow holograms for silica aerogel artworks. *J Sol-Gel Sci Technol* 106, 319–330 (2023). <https://doi.org/10.1007/s10971-021-05676-x>
- 2018 Michalou(di)s I, Carroll MK, Kupiec S, Cook K, Anderson AM. Facile method for surface etching of silica aerogel monoliths. *J Sol-Gel Sci Technol* (2018), <https://doi.org/10.1007/s10971-018-4721-z>
- 2017 Michaloudis I., Skouloudi M., Bök C., Jingyan Q., "Spirited Skies project: silica aerogel domes for the habitat of the future", *Advances in Automobile Engineering*, 6:3, <https://www.omicsonline.org/open-access/spirited-skies-project-silica-aerogel-domes-for-the-habitat-of-the-future-2167-7670-1000166.pdf>
- Michaloudis I., Van Roden, M., "Spirited Skies project: Silica Aerogel in Art and Design Applications", *MRS Advances*, 2, 3491–3497 Cambridge Core, Edit., 1-7. <https://doi.org/10.1557/adv.2017.349>
- Michaloudis I, Dann B., "Aer()sculpture: Inventing skies and microclouds into diaphanous sculptures made of the space technology nanomaterial silica aerogel", *Journal of Sol-Gel Science and Technology*, Vol. 77, no2, Springer Edit. 17/04/2017, <http://dx.doi.org/10.1007/s10971-017-4370-7>
- 2015 Michaloudis I., Green M., "Dialogue with the Brown Cloud: a virtual conversation" *International Journal of Art, Culture and Design Technologies (IJACDT Journal)*, ISSN: 2155-4196, July-December 2014, Vol.4, N° 2, DOI: [10.1109/CW.2013.13](https://doi.org/10.1109/CW.2013.13)
- 2014 Michaloudis I., Seats M., "Etherospermia: Conceptual Art, Science and Allegory in the Sky-Seeding project", *Acta Astronautica Journal*, 104 (2014), p.p 61-70, <https://doi.org/10.1016/j.actaastro.2014.07.009>
- 2013 Michalou(di)s, Ioannis (2013) "Bottled Sky," *The STEAM Journal*: Vol. 1: Issue 1, Article 17. DOI: 10.5642/steam.201301.17, cf. <http://scholarship.claremont.edu/steam/vol1/iss1/17>
- 2009 Michaloudis I, in *Testimonials of Studing Times*, Fondation Hellenique, Paris, pp. 155-156, ISBN: 978-960-6654-65-7, memoire
- 2004 Michaloudis I., "Aer()sculpture: the enigmatic beauty of aerogel's non-entity in a pilot art & science project", in *Journal of Non-Crystalline Solids*, Volume 350, Elsevier ed., 2004, ISSN 0022-3093, pp. 61-66, <https://doi.org/10.1016/j.jnoncrysol.2004.08.227>
- 2002 Michaloudis I., Droege M., «Sculpting...air» <http://www.solgel.com/articles/dec02/aeroart.asp>

CONFERENCE PAPERS Refereed

- 2024 Michaloudis I., "Land(scape), e-scape, Moonscape", in Proceedings of Re:Source The10th International Conference on the Histories of Media Art, Science and Technology, 13-16 Sep. 2023, Venice Italy, p. 625
- 2017 Michaloudis I., Kisseleva O., Gluth S., Hance I., "Mothering Grotesque and the White Cube: Dialectics of Art Space and Space Art", in Proceedings of 68th International Astronautical Congress, paper IAC 17.E5.3.2, p.117.
- 2016 Michaloudis I., "Nanosky on the Moon" in Proceedings of ICPAM-11, 11th International Conference on Physics of Advanced Materials", paper ID T12-12, 8-14/09, pp.264-265
- Michaloudis I., "Aer()sculpture, an ethereal Art&Science research", in Proceedings of 3rd International Seminar on Aerogels, ISBN: 978-2-905267-93-1, pp.108-109
 - Michaloudis I., Dann B., Tosa N., "Climaxchange: creating moving clouds into diaphanous sculptures made of the space technology nanomaterial silica aerogel, in Proceedings of 67th International Astronautical Congress, paper ID Nr. E5.3x33750, p.16,
 - Michaloudis I., Hance I., Tarbett-Buckley C., Koskina K., "COSMuseum project: Memories and Souvenirs from planet Earth", in Proceedings of 67th IAC, paper ID Nr. E1.9X34688, p. 18, <https://juniperpublishers.com/ttsr/TTSR.MS.ID.555604.php>
 - Michaloudis I., Skouloudi M., Bök C., "Spirited Skies project: silica aerogel domes for the habitat of the future", in Proceedings of 67th IAC, paper ID Nr. E5.IPX33747, p. 170
 - Michaloudis I., Costantoudis V., Tanaka Y., "Invisible nanoattractants: silica aerogel versus rare-earth magnets", in Proceedings of 67th IAC, paper ID Nr. E5.IPX33762, p. 170, <https://www.proceedings.com/33478.html>
 - Michaloudis I., Shaw P., Mack I., "Uranocatharsis project, space debris as cloud-sculptures shading our planet", 5th Earth Science and Climate Change, Bangkok, Thailand, 25-27/7/2016
- 2014 Michaloudis I., Alexiou P., "Skypoietic: Art and Science in the Climatic Sculptureality project", in 65th IAC, paper: E5,4.2x26774, ISSN 1995-6258
- 2013 Michaloudis I., Green M., "Dialogue with the Brown Cloud: a virtual conversation" in Proceedings Cyberwords 2013, Yokohama Japan, ISBN 978-1-4799-2245-1,
- Michaloudis I., Alexandrov L., "Etherspermia: The sky-seeding project", in 64th International Astronautical Congress, paper IAC-13,E5.4,7x16936, ISSN 1995-6258, *rapporteur of E5.4*
- 2012 Michaloudis I., Green M., «Aerogelic Light: Art&Science Research on the ethereal nanomaterial silica aerogel, for sustainable urban design», in Seminar on Aerogels, Univ. of Lorraine/ENSIC, Nancy France, 6-7/Dec. ISBN 978-2905267-86-3, pp.63-77
- Michaloudis I., Green M., «Sky Cloning Project: Working with the Ethereal Beauty of the Space Nanomaterial Silica Aerogel», in Thesis Collection of the 3rd Art and Science International Symposium, China, ISBN 978-7-112-14828-8, pp. 73-84
- 2008 Michaloudis I., «Aer()sculpture, Art made out off threatened sky» in Proceedings: 3rd International Conference on Digital Interactive Media in

Entertainment and Arts, DIMEA 2008, ACM 2008, ISBN: 978-160558-248-1, keynote speaker, p. XVII

2004 Michaloudis I., '(Nephele)³ Sculpting of clouds', Sky Art Conference 2002 Proceedings, MIT Press, 2004, ISBN 0-9766549-0-3, pp. 96-99, https://www.amazon.com/gp/product/0976654903/ref=x_gr_w_bb_sout?ie=UTF8&tag=x_gr_w_bb_sout-20&linkCode=as2&camp=1789&creative=9325&creativeASIN=0976654903&SubscriptionId=1MGPYB6YW3HWK55XCGG2

GUEST LECTURES, INVITED TALKS (selection)

- 2025 Krosno Festival of Design, Sept. 12-14, <https://designkrosno.pl/harmonogram/>
- June 11, EMPA, Zurich, Swiss, https://www.empa.ch/documents/d/aia-forum/program_aia_2025_final
- 2024 September 23, DLR, International Summer School on Aerogels, <https://www.dlr.de/en/wf/latest/events/international-summer-school-on-aerogels>
- May 30, Reflect Festival, Limassol Cyprus <https://reflectfest.com/speaker/ioannis-michaloudis/>
 - May 23, Department of Energy, USA, <https://arpa-e.energy.gov/news-and-media/press-releases/secretary-granholm-property-brother-jonathan-scott-investors-industry>
 - April, 28, TEDxAUTH, <https://www.tedxauth.com/en/speakers/ioannis-michaloudis>
- 2023 (*stradust*)^{art}, *stardust raised to the power of art*, artsci talk with Dr. Mihail Petkov (JPL, NASA), Cultural Center of Tabacalera, 2nd International Conference on Aerogel Inspired Materials, 27-29/9, San Sebastian, Spain, <https://conferenceonaerogelinspiredmaterials.com/program/>
- RE:SOURCE, 10th International Conference on the Histories of Media Art, Science and Technology, 13-16/9, Venice, Italy, <https://www.resource-media.art>
- 2022 6th Aerogel Seminar, Technical University of Hambourg, 28-30 Sep. 2022, http://www.aerogel.org/community/seminar_2022/
- 2021 *Synergies of Art, Science and Technology The Haptic and optic scale*, 2nd Biennale Larnaca City, Cyprus, EU, 13 Oct.
- *The sound of Nano*, 6th International Festival of Nanoart, Sant Feliu de Guixols, Spain, EU, Sept. 24-30.
 - *Aerogel Industry-Academia Forum*, 13-15 July, 2021, Empa-Akademie and online, https://www.empa.ch/documents/16797158/16797311/MICHALOUDIS_BOUCHERON.pdf/c1b48895-b122-441f-8f53-36c3f7cfa988
- 2019 *(U)topia: Moulding A (Blue-Sky) Research In-Between Disciplines For The Utopian, Parenthetical, Aerogelic Space*, 1st Conference on Aerogel Inspired materials, Newcastle University, 15-18 Sept, <https://conferences.ncl.ac.uk/aerogelinspiredmaterialsconf2019/>
- 2018 53rd Summer School Demokritos, <http://www.blod.gr/lectures/Pages/viewlecture.aspx?LectureID=4235>

- *Aer()sculpture, an SOS distress signal*, Union College, Schenectady, NY, USA, 16/02
 - *Aer()sculpture*, MIT Museum Studio, MIT, MA, USA, 14/02
 - *Aer()sculpture*, International Space University, Strasbourg, France, 30/1, <https://www.youtube.com/watch?v=rr3WuX55R0g>
- 2017 *Sky Catastrophe*, Graduate School of Science (Chemistry) and Academic Center for Computing and Media Studies, Nov-Dec., *Artist In Residence*, Kyoto University, Japan.
- *Spirited Skies project*, Material Research Society's Spring Meetings, Convention Center Phoenix, Arizona USA, 17-21-/4/2017
 - *Aer()sculpture*, International Space University, Strasbourg, France, 10/2
- 2016 *Scale Matters*, discussion with Lanfranco Aceti, Cyprus University of Technology, Limassol Cyprus, Pefkios Georgiadis Auditorium, <https://www.neme.org/projects/scale-matters> , 25/11
- *Ciel à la Lune*, Sorbonne, Centre Saint Charles, Art&Science Doctorate Program, Paris, 19/9
 - *Aer()sculpture*, International Space University, Strasbourg, France, 4/1
- 2015 *Modeling the lightest solid*, Research Center Demokritos, Invited speaker, Athens-Greece, 16/7/15, <http://www.blod.gr/lectures/Pages/viewlecture.aspx?LectureID=2208>
- *Climatic Sculptureality*, University of Sorbonne, Centre Saint Charles, Art&Science Doctorate Program, Invited speaker, Paris, France, 30/3/2015,
 - *Aer()sculpture*, International Space University, Strasbourg, France, 31/3
- 2013 *Cyberwords 2013*, session Arts&Design Virtual Worlds, 21-23 Oct, Yokohama, Japan
- *The Aesthetics of Sustainability*, 3-4 Oct, Curtin University & Fremantle, Western Australia, *chair of session in room 213.104*
 - *GlassBoston*, MIT, Lecture Hall 10-250, Cambridge, MA, USA, 13/6 <https://alum.mit.edu/slice/conference-showcase-glass-art>
- 2008 *3rd International Conference on Digital Interactive Media in Entertainment and Arts (DIMEA)*, September 10-12, Athens Information Technology, Athens, Greece, EU
- *ArtTalk1*, July 23-24, 2008, Syros Island, Greece
 - *Science & Art: commune path to Beauty and Truth*, January 15-19, Technopolis Gazi, Athens, Greece, EU
- 2006 *Ioannis Michalou(di)s, Aerogel Sculptor*, April 23, Stuckeman Family Building, Penn State University, PA, USA
- *Ioannis Michalou(di)s, Aerogel Sculptor*, April 16, Lehigh University & Banana Factory, Bethlehem, PA, USA
 - *1st International Workshop on Scientific Challenges of New Functionalities in Glass* , April 15-17, Washington DC, USA
- 2005 *8th Leonardo/Olats, Space and the Arts Workshop*, Mars 16, Millenaris, Budapest, Hungary, EU, <https://leonardo.info/spaceart/workshops.html> <https://www.olats.org/ioanni-michaloudis-aersculpture-using-a-space-material-as-a-sculptural-medium-2005/>
- First International Academy of Astronautics (IAA) International Conference, "Impact of Space on Society"*, Mars, 17-19, Academy of Science, Budapest, Hungary

- Workshop on Space Artists' Residencies and Collaboration, February 10-12, Carnegie Mellon University @ NASA Ames' Research Center, Moffett Field, CA, USA
 - 1st International Conference Science & Art, Hellenic Union of Physicists, June 16-19, Evgenidio Planetarium, Greece, EU
 - 7th ESG Conference on Glass Science & Technology, April 25-28, Athens Greece, EU
 - Aer()sculpture, 6/4, Dept. of Physics, Shivaji Univ, Kolhapur, Maharashtra, India
- 2003 7th International Symposium on Aerogels, November 2-5, Alexandria, VA, USA, <https://www.sciencedirect.com/journal/journal-of-non-crystalline-solids/vol/350/suppl/C>
- 2002 Sky Art Conference, October 15-20, Delphi & Ikaria island, Greece, EU, https://archivesspace.mit.edu/repositories/2/archival_objects/437590

VII. ARTISTIC CAREER HISTORY

SOLO EXHIBITIONS

- 2025 *Vira(l) Fragilities*, Antonopoulou gallery, Athens, Greece, 20/5-7/6/2025 <https://www.aaart.gr/ux-portfolio/ioannis-michaloudis/> catalogue ISBN 978-618-00-5942-7
- 2018 *(L)imited souls*, Glezos tower, Naxos island (Greece), 30/06/18 to 30/09/18 <https://www.culture.gr/el/Information/SitePages/view.aspx?nID=2295>
- 2014 *Climatic Sculptureality project*, exhibition space of Australia, booth 609, in 65th International Astronautical Congress, 29 Sep.-3 Oct, Toronto, Canada.
- *On Cloud Seven*, Perth Town Hall, June 6-13, Perth, Western Australia, http://www.mfa.gr/australia/images/stories/canberra/docs/On_Cloud_Seven_Brochure.pdf
- 2010 *Sky on Sale*, Gallery Oionos, Mars 20 – April 20, Karditsa, Greece, EU
- 2008 *(U)topia*, Aithousa Technis Athinon, Jan. 26 – Feb 25, Greece, EU.
- 2007 *Athens' Soul*, Telecommunications' Museum, Mars 23-26, St. Petersburg, Russia
- 2006 *11 aer()sculptures*, October 3-21, Museum of Cycladic Art, Greece, EU, <https://cycladic.gr/en/ektheseis/aerplasta/> catalog, curator Dr. Katerina Koskina
- 2005 First International Astronautical Academy's (IAA) International Conference, "Impact of Space on Society", Mars 16-19, 2005, Millenaris & Academy of Science, Budapest, Hungary
- 2004 7th ESG Conference on Glass Science & Technology, April 25-28, Athens Greece, EU
- 2003 7th International Symposium on Aerogels, November 2-5, Alexandria, VA, USA
- *(Nob)Odyssey's*, theater installation, La Mama theater, New York, N.Y, U.S.A
- 2000 *Adam and Chalima*, director Magda Mavroyanni, Opera of Athens GR, EU
- 1995 *(L)egaux & l'ego*, theater installation, City University of Paris, France, EU
- 1994 *In the Circulation of Red Trees*, project *in situ*, City University of Paris, FR, EU,

GROUP EXHIBITIONS (selection)

- 2024 *SOS Save Our Sky*, Venice Glass Week, 14-22 September, Istituto Veneto di Scienze, Lettere ed Arti, Palazzo Loredan, Venezia, Italy, EU,

- <https://theveniceglassweek.com/en/eventi/simone-cristani-ioannis-michaloudis-s-o-s-save-our-sky/>
- 2024 *Reflect festival*, Limassol, Cyprus, 29-31-/5/, *AirSwipe bag*, https://www.instagram.com/reflectfestival/p/C6G9v8iNNEa/?img_index=3
- arpa-e Energy & Innovation Summit, *Sky for Sale* and *AirSwipe bag*
- 2023 *Science Art Technologie Interface*, 17/10-17/11, EuropaNova, Paris, France, <https://sciarttech.com>
- *(Scala)², skala raised to the power of two*, installation of a recycled oil tank stairway in the gardens of Pierides Museum, 11/10/23-27/1/24, **Biennale** of Larnaca, Cyprus, EU, <https://biennalelarnaca.com/larnaca-biennale-announces-selected-artists-for-its-third-edition-gr-text-follows/> and <https://youtu.be/YvsbAWt3Zuo?si=JXd3QzUTVKQAPuEr>
- 2022 *The Cloud Factory*, video installation, *DEH Art* exhibition of 32 artists, Feb 9-27 Athens, Greece, https://www.youtube.com/watch?v=D_4chkJ4MBg, curator Katerina Koskina, <https://art.dei.gr/winners/>
- 2021 *(C)osmosis* installation, *The Tides of The Century*, Ocean Flower Island Museum, Danzhou, Hainan Province, China, Feb. 8-Dec. 8, 2021 http://www.randian-online.com/np_event/the-tides-of-the-century-at-the-ocean-flower-island-museum/, curator Dr. Katerina Koskina.
- 2018 *CAVS 50th anniversary*, MIT Museum, MA USA, (Feb 2018-February 25, 2019), https://www.berkshirefinearts.com/03-09-2018_cavs-50.htm
- 2017 *Science as Art*, Material Research Society Spring Meeting, Phoenix Arizona, USA, 17-20 Apr. 2017
- *Daedalus project*, Maylands, Fringe Festival, Perth, Western Australia, <http://studio281.com.au/events/daedalusproject>
 - *3rd Pulses of Art*, exhibition of 29 Onassis' Foundation Scholars / Artists, Onassis Cardio-chirurgical Center, Athens, Greece, Nov. 22 to Jan. 30, 2017.
- 2016 *4th International Festival of NanoArt*, University Babeş Bolyai, Cluj-Napoca, Romania, 4-14/09/2016, <http://nanoart.blogspot.com.au/2016/10/the-4th-international-festival-of.html?m=1>
- 2014 *mission [SPACE x ART]-beyond Cosmologies*, Museum of Contemporary Art, Tokyo 07/06 -31/08, <http://www.mot-art-museum.jp/eng/exhibition/cosmology.html> catalog, p. 230
- 2013 *Design Shanghai 2013 Biennale*, *Aesthetics City: Inter-School Community*, Power Station of Art, Shanghai China, 3 Dec. 2013 till 30 Mar. 2014, interactive installation: "Touch Your Cloud", *invited artist*, ISBN 978-7-5322-8895-3, catalog p.353 <http://arthubasia.org/project/design-shanghai-2013-biennale-aesthetic-cities>
- *6th ACM Siggraph Asia 2013*, Convention and Exhibition Center, Hong Kong, China, 20-22 Nov, interactive installation: "Talking with the Rusted Cloud" (peer-reviewed), ACM ISBN: 978-1-4503-2511-0, curator Mark Havez, <https://digitalartarchive.siggraph.org/artwork/ioannis-michaloudis-talking-with-the-rusted-cloud/>
- 2012 *3rd International Art and Science Exhibition and Symposium 2012*, China Science and Technology Museum, Beijing, China, *invited artist*, ISBN 978-7-112-14756-4, pp.66-67, <https://www.tsinghua.edu.cn/en/info/1244/2725.htm>
- 2011 *Amber Festival: Next ecology*, Istanbul, Turkey, Nov. 4-13 catalog
- *Kinetica Art Fair 2011*, Ampica P3, London, England, EU, Feb. 5-8, catalog

<https://kinetica-museum.org/exhibition-images/kinetica-art-fair-2011/>

- 2010 Terra Nova, Galerie Wedding, Berlin, Germany, EU,
- 2009 A Paler Shade of White, Foundation Bellonia, Santorini island, Greece, EU
catalog, curator Mrs. Iris Kritikou
- 2007 XXIV M^{editerranean Countries Biennale} of Art, Alexandria, Egypt, 1st Price, Golden Lighthouse” Award for the installation “*Prelude for Cello and Three Violins*”
catalog
- Trilogy Mediterraneanne, Athens, Marseille, Cairo, February to April, Palais des Arts, Marseille, France, EU, *catalog*
 - Bio-morphes, June, 1-30, Cheapart Gallery, Athens Greece, EU
 - Unfair, March 16-25, Athens Imperial Hotel, Greece, EU
- 2005 Space Art @ 56th International Astronautical Congress, IAC2005, Oct.16-21, Fukuoka, Japan
- Space Artists: the Cultural Frontiers of Space Travel, SETI Institute, February 12, Mountain View, CA, USA
- 2002 Sky Art conference 2002, European Cultural Center of Delphi & Icaria, Greece, EU, *catalog* by MIT Press,
<http://catdir.loc.gov/catdir/toc/ecip053/2004025923.html> and
- Pulses of Art, 17 artists-scholars, Onassis Cardiac Center, Athens, Greece, EU, *catalog*
- 1999 Bonds of Art, 21 artists-scholars of the A.S.Onassis Foundation, artwork (Y)φαίνεσθαι and site-specific installation: *M(ed)use*, Arts Centre of the Municipality of Athens, Greece, EU, *catalog*
- 1996 Salon de Jeune Peinture '96, Espace Quai Branly, interactive, installation : *Exp(I)oser*, Paris, France, EU, *catalog*
- 1994 Greek Painters & Sculptors in Paris, House of Europe, Paris, EU, *catalog*
- 1993 4th Biennale of Visual Arts Academies, Jan Van Eyk Academy, artwork *Androgynous Garment*, Garment Design Department, École Normale Supérieure des Arts Décoratifs, Maastricht, Holland, EU
- 1992 Fashion & Environment, Gerrit Rietveld Academy, Amsterdam, Holland, EU, *catalog*
Portrait of Arts Décos School, Musée des Monuments, Paris, France, EU, *catalog*

VIII. MEDIA – PRESS – COMMUNITY SERVICE – BIBLIOGRAPHY

- 2026 NASA Spinoff 2026, 50 years of Innovation on Earth, edition 50, p.p 42-44,
<https://ntts-prod.s3.amazonaws.com/t2p/prod/spinoff/NASA-Spinoff-2026.pdf>
- 2025 Mike DiCicco, Comet-Catching NASA Technology Enables Exotic Works of Art
<https://www.nasa.gov/technology/tech-transfer-spinoffs/comet-catching-nasa-technology-enables-exotic-works-of-art/>
- [https://spinoff.nasa.gov/Aerogel Art Attracts Attention](https://spinoff.nasa.gov/Aerogel%20Art%20Attracts%20Attention)
 - https://www.asminternational.org/comet-catching-nasa-technology-enables-exotic-works-of-art/?srsltid=AfmBOoorhCot4JmQF3zkzchvZW8R7jpn-YyKRIBesEnIjWuB_i9k9sUs
 - Z.F. Dmello, ‘I went looking for a cloud and found the entire sky’: Meet the Greek artist who bottles clouds, <https://www.cntraveller.in/story/meet-ioannis-michaloudis-the-greek-artist-who-bottles-clouds-with-aerogel/>

- 2024 <https://www.dezeen.com/2024/03/12/coperni-air-swipe-bag-nasa-aerogel/>
- <https://nypost.com/2024/03/05/lifestyle/purse-made-out-of-air-debuts-at-paris-fashion-week-thanks-to-nasa/>
<https://electricrunwayreport.substack.com/p/etherial-materials-what-copernis>
- 2022 British Academy of Jewellery, Podcast “Molding sky”, <https://bai.ac.uk/bai-podcast-molding-sky-with-ioannis-michaloudis/> or <https://podcasts.apple.com/gr/podcast/bai-podcast/id1507185610?i=1000585105205>
- Professor Ioannis Michaloudis <https://www.isgs.org/community/people-in-the-spotlight-professor-ioannis-michaloudis/>
- 2021 *(Peripheral I)*, SMCK magazine, issue #5, pp 35-37, Munich, Germany
The Sky is the Limit, SMCK magazine, issue #3, Munich, Germany,
https://www.smck.org/articles/03_ioannis-michaloudis.html
- 2020 *A High Jewellery Season with a Difference*
<https://www.nytimes.com/2020/07/10/fashion/jewelry-couture-boucheron-van-cleef-and-arpels.html>
- *How Boucheron Delivered One of the Most Outstanding High-Jewelry Collections of the Year* <https://robbreport.com/style/jewelry/boucheron-stunning-high-jewelry-uses-never-before-seen-techniques-2937301/>
 - Annabel Davidson, *How Boucheron fashions high jewellery out of thin air (with a little help from Nasa)*, The Telegraph, 12, Nov. 2020
<https://www.telegraph.co.uk/luxury/jewellery/boucheron-fashions-high-jewellery-thin-air-little-help-nasa/>
- 2017 *Fulbright Campus Adviser*, Northern Territory, Charles Darwin University,
- *The Daedalus Project*, *Fridge World Perth 2017*,
- 2016 “Ioannis Michaloudis: In Cyprus the scientist/artist who creates sculptures using clouds”, Fileleytheros, NwsP, Cyprus, Europe, 30/11/16
- TEDx Darwin: “Can we put the sky into a bottle?”, Ioannis Michaloudis https://www.youtube.com/watch?v=prWpMLB_2Xw, 28/Sept
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<http://www.abc.net.au/news/2016-08-10/darwin-artist-having-art-rocketed-to-the-moon/7712712>,
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<https://www.facebook.com/9NewsDarwin/videos/1148439398528364/UzpfSTewMDAwMTMzNTZNDgxODoyNzQ0OTQxNzI1MTYwMzA1/>
 - “Dr. Michaloudis plans for Space junk”, 105,7 ABC Darwin Radio, July 19
<http://www.abc.net.au/news/2016-07-19/space-junk-sculpture-shade-concept/7640580>
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<http://www.radionz.co.nz/national/programmes/nights/audio/201796625/ioannis-michaloudis-space-tech-art>

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mission [SPACE x ART]-beyond Cosmologies, Museum of Contemporary Art, Tokyo 07 June to 31 Aug, catalog ISBN978—4-86152-449-3, p.145.
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 - *Living in Interesting Times*, Salonika Film Festival, Greece (Documentary), March 2013, trailer @ <http://www.youtube.com/watch?v=qkgWiXzjhBc&feature=youtu.be> (trailer)
- 2012 *Professional Lighting Design* (monthly magazine, China), No 53, 09-10, pp.102-107
- 2009 *ET Satellite*, TV, *Nostalgia*, Documentary, 50 min, "Visual Artist Ioannis Michaloudis", January 13, 2009, Greece, EU, <https://www.youtube.com/watch?v=cuomnAlZpHw&t=911s>
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- 1999 Kazolea K. “Michaloudis I. (Michalous)”, in Dictionary of Greek Artists, ed. Melissa, 1999 vol. III, pp.138-139, Greece, EU, ISBN: 9602042249

IX. INDUSTRIE COLLABORATIONS (in progress)

1. 3D printing of silica and cellulose aerogels, in collaboration with Dr. Shanyu Zhao (EMPA, Swiss, EU) and Dr. Marcus A. Worsley (LLNL, California, USA)
2. Incorporating classic sculptures in aerogel glass bricks for the new building of IBIH aerogel industry, China, <https://en.ibih.cn>
 - Creating life size silica aerogel sculptures. these two projects in progress will be realised in collaboration with the Chinese aerogel industry IBIH and Dr. Yunhong Wang, <https://en.ibih.cn>
3. Nanotechnology as an inside-out modelling process, in collaboration with Aerogel Technologies, MA,USA, and KEEY Aerogel S.A.S France-EU.
4. Ambient drying of nanomaterials in collaboration with Chemistry Department of Kyoto University and the local company TiEm Factory Inc.
5. Creation of an ScienceINNArt Nanotechnology Hub in NCSR “Demokritos”, Institute of Nanoscience and Nanotechnology, Athens Greece
6. Climatic Sculptureality project: creating microclimatic conditions into silica aerogel sculptures
7. Etherospermia project: sky-seeding for new habitable planets.

X. R&D ATTRACTED FUNDING (total of ± € 1,8 M)

- Co-Investigator with SPEE3D Metal Priintng for two grants from NT Government and Commonwealth, 1,2 M, 2017
- Principal Investigator Charles Darwin University, LEBA Faculty, “Art&Science Synergies” project, 48K for 2016 &2017
- Individual Researcher at European Space Agency (ESA) and National Hellenic Research Foundation (NHRF), Athens, Greece, EU, contract number: 21157/07/NL/PA, 2008-2010, 240K
- Co-Investigator CDU Foundation, Australia,: *Climatic Sculptureality*, 10K 2016
- Greek Ministry of Culture, 14K for *Aer()sculptures* solo exhibit in Museum of Cycladic Art, Greece, EU 2007
- A.S. Onassis Foundation, Greece, EU, 14K for installation *Prelude for cello and three violins*, in Alexandria's XXIV Biennale, Egypt, 2007
- A.S. Onassis Foundation, Greece, EU, 14K for the *11 Aer()sculptures*: solo show in Museum of Cycladic Art, Greece 2006
- Principal Investigator, EU & SME and Handicraft S.A (E.O.M.M.E.X), Greece, EU 80K for the nanomaterials SME “Ioannis Michaloudis”, Greece, 2006
- “Ioannis F. Costopoulos” Foundation,14K for the research project *Aer()sculpture*, MIT
- Principal Investigator to the “Stavros Niarchos” Foundation, New York, USA, 30K for the theater installation (*Nob*)*Odyssey's*, 2003

XI. MEMBER OF PROFESSIONAL ASSOCIATIONS

- Material Research Society, USA (since 2017)
- International Exchange Alumni, USA (since 2011)
- Chamber of Fine Arts, Greece, EU (since 2004)
- MIT Alumni Association, MA, USA (since 2003)
- Fulbright Association, WA, USA (since 2001)
- Alliance Internationale, Paris, France, EU (since 1997)
- Onassis Scholars' Association, Greece, EU (since 1994)

XII. SUPERVISORY ROLES

- *Founding Dean*, Faculty of Arts & Humanities, American University of Cyprus (AUCY)
- *Coordinator of Postgraduate program in Visual Arts & Design*, College of Indigenous Futures Arts and Society, Charles Darwin University, NT, Australia
- *Head of Interior Design Department*, College of Architecture, Engineering and Design, Kingdom University, Kingdom of Bahrain, (09/2014 – 12/2015)
- *Level 1 Higher Degree Research Supervisor of Master and PhD*, (4 Masters and 2 PhDs completed)
- *Coordinator of undergraduate program units*, School of Design and Art, Curtin University, WA, (2012-14)
- *HDR Associate Supervisor*, MIT, USA (09/2001-11/2003).
- *Supervisor of Graduation Project (Product Design)*, École Normale Supérieure des Arts Décoratifs, Paris, France, Europe (1/1992-10/1999)
- *Head of Children Summer Camps*, Ministry of Health, GR, EU, (1985-1988)

XIII. SIGNIFICANT ACHIEVEMENTS

- In March 2024, he presented his collaboration with the fashion brand Coperni, the viral *AirSwipe* bag.
- In July 2020, after two years of collaboration with high jewellery company Boucheron Paris, it is presented in showrooms the first ever high jewellery made of silica aerogel named "Skydrop",
- Two of his artworks are selected to be part of the *MoonArk project* www.moonarts.org and will be re-rocketed to the moon in 2026, cf. <http://www.abc.net.au/news/2016-08-10/darwin-artist-having-art-rocketed-to-the-moon/7712712>
- *6th ACM Siggraph Asia 2013*, Convention and Exhibition Center, Hong Kong, China, 20-22 Nov. 2013, interactive installation *Talking with the Rusted Cloud*, <https://digitalartarchive.siggraph.org/artwork/ioannis-michaloudis-talking-with-the-rusted-cloud/>
- Book Chapter: Michaloudis I., «Aer()sculpture: A Free-Dimensional Space Art», in Aegerter M.A, Leventis N., Koebel M., *Aerogels Handbook*, Springer 2011, ISBN 978-1-4419-7477-8, chapter 35, p.p 791-810, http://link.springer.com/chapter/10.1007/978-1-4419-7589-8_35 (translated in Chinese and in 2023 is on sale the 2nd edition in English)

- Independent Researcher at European Space Agency (ESA) and National Hellenic Research Foundation (NHRF), Athens, Greece, EU, contract number: 21157/NL/PA, 2008-2010
- "Golden Lighthouse Award", XXIV Alexandria's Biennale for Mediterranean Countries, Egypt, installation *Prelude for Cello and Three Violins*, 2007.
- *11 Aer()sculptures*, solo exhibition in the Museum of Cycladic Art, Athens, EU, Oct. 3-21, 2006, curator: Dr. Katerina Koskina
- "Greek Artists Award", J. W. Fulbright Foundation, USA, 2001, https://www.fulbright.gr/images/pdf/Fulbright_Art_Supports_Education_Catalogue_e.pdf p.21.

XIV. COMPETENCIES

- Pioneering and imaginative research on the nanomaterial silica aerogel
- Leading major initiatives in original international research, publications and exhibits
- Producing regular international creative outlets
- Successfully interrelating creative outputs with critical inquiries
- Innovative teaching based on in-between disciplines studies & teaching philosophy
- Commitment to foster students and assist staff in improving funding for research
- Fostering a program of research excellence towards industry related achievements
- Undertaking high-level administrative and management functions related to his duties

XV. PERSONAL ATTRIBUTES

- International partnerships and global network that create research opportunities
- Creative and innovative thinker using imagination and initiatives
- Enthusiastic on providing satisfactory service by ensuring safety, health and wellbeing
- Energetic, hard worker and passionate about his research with a society service focus
- Trustworthy, reliable and ideally suited for positions requiring sensitivity and discretion
