

CURRICULUM VITAE

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<https://scholar.google.com.au/citations?user=Z2-Mf-YAAAAJ&hl=en>

<https://espace.cdu.edu.au/list/author/Michaloudis%2C+Ioannis/>

<https://cdu.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.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>

PROFILE

Dr. Ioannis Michaloudis is an academic, visual artist, and researcher 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. He was born in Greece on the 28th of January 1965 and the father of two daughters.

CAREER OVERVIEW

Dr. Michaloudis has 20 years of University Teaching & Research work experience, after the acquirement of his doctorate degree in Visual Arts in 1998 from Sorbonne University. In Paris he taught undergraduate students for 7 years in the *Arts Décors* School. After receiving the Fulbright "Award for Greek Artists", he had been invited as a Research Fellow by the MIT to undertake Postdoctoral research on Art&Nanotechnology, whilst supervising postgraduate students (2001-2003). For the years 2012-2014 he was teaching Fine Art students at all levels in Curtin University, School of Design and Art, Western Australia. For the years 2016-18 as a Senior Lecturer at Charles Darwin University, NT, Australia, he was coordinating the Postgraduate program in Visual Arts. He is the author of 12 journal and conference papers and 2 book chapters; he has participated in 3 Biennales of Art and has been awarded the "Golden Lighthouse" in the XXIV Biennale of Alexandria in Egypt. He has exhibited his artworks in 13 solo international exhibitions and has been invited in more than 25 Art&Science exhibitions and conferences worldwide.

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. Research projects: (*Nephele*)³: *sculpting of clouds using steam and CO₂* and *Aer(sculpture: application of the nanomaterial silica aerogel in Visual Arts*, <http://act.mit.edu/cavs/people>
- July 1998 Doctorat, Arts and Sciences of Art, Sorbonne University, Paris I, Panthéon-Sorbonne, France, Europe, topic: “*Androgynous’ Garment: Elastic Relationships between Design and Fine Arts*” <http://www.theses.fr/1998PA010606>
- July 1992 MPhil, Visual Arts, Sorbonne University, Paris I, Panthéon-Sorbonne, France, EU.
- June 1991 Master, Product Design (Fashion), École Normale Supérieure des Arts Décoratifs, Paris, France, EU.
- June 1989 Bachelor, Interior Design (Textile), Technological Educational Institute (TEI) of Athens, Greece (now: University of Western Attica).

II. 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 and Handicraft S.A (EOMMEX), Greece, EU.

III. AWARDS

- “*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*”, 24th 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
- “*Pro-Vice Chancellor’s Graduation Award*”, TEI of Athens, Greece, EU

IV. PROFESSIONAL DEVELOPMENT

- 2012, 2018 *Postgraduate Certificate of University Learning and Teaching, Curtin University and Charles Darwin University, Australia (nearing completion)*
- 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*

V. ACADEMIC CAREER HISTORY

TEACHING

02/2019 – now	Adjunct Faculty, International Space University, Strasbourg, France (Honorary Position)
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, 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

06/2018 – now	<i>Research Associate</i> , NCSR Demokritos, Institute of Nanoscience and Nanotechnology, Athens Greece (Honorary Position)
11/2017-12/2017	<i>Artist In Residence</i> , 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

VI. ARTISTIC CAREER HISTORY

SOLO EXHIBITIONS

- 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://www.cycladic.gr/en/page/aer-plasta> catalog, curator Mrs. 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 Greece, 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, France, EU,

GROUP EXHIBITIONS (selection)

- 2018 *CAVS 50th anniversary*, MIT Museum, MA USA, (through 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, 7-17/2/2017
<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 Babes 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/> and http://media.siggraph.org/international-resources/gallerypodcasts/sa2013/art/english/14_talking.mp3
- 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
- 2011 *Amber Festival: Next ecology*, Istanbul, Turkey, Nov. 4-13 catalog

- Kinetica Art Fair 2011, Ampica P3, London, England, EU, Feb. 5-8, <http://www.kinetica-artfair.com/?media/videos/kinetica-art-fair-2011.html> *catalog*
- 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 Mediterranean Countries Biennale of Art, Alexandria, Egypt, Golden Lighthouse Award, *catalog*
 - Trilogy Mediterranee, 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>
 - 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(l)oser*, Paris, France, EU, *catalog*
- 1994 Greek Painters & Sculptors in Paris, House of Europe, Paris, EU, *catalog*
- 1993 4th Biennale of Visual Arts Academies, Maastricht, Holland, EU, *catalog*
- 1992 Fashion & Environment, Gerrit Rietveld Academy, Amsterdam, Holland, EU, *catalog*
Portrait of Arts Décos School, Musée des Monuments, Paris, France, EU, *catalog*

VII. PUBLICATIONS

BOOKS & BOOK CHAPTERS

- 2022 Michaloudis I., Steiner S., Hart A.J., Nanomaterials as Art- Synergies of Science and Design, Springer/Nature, (edited book, in progress for 2020)
- 2021 Michaloudis I., Tanaka Y., (C)osmosisart: In Between Art, Science and Technology, (edited book, Cambridge Scholars, in progress for 2021)
- 2021 Michaloudis I., «Aer()sculpture: A Free-Dimensional Space Art», in Aegerter M.A, Leventis N., Koebel M., Steiner, S., Aerogels Handbook, Springer (edition 2, in progress)
- 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).
- 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, http://link.springer.com/chapter/10.1007/978-1-4419-7589-8_35 (edition II is in progress)
- 1999 Michaloudis, I., 1999. *L'habit d'androgynie* (Doctoral dissertation, Atelier national de Reproduction des Thèses), France, <http://www.theses.fr/1998PA010606>

PUBLICATIONS - JOURNAL PAPERS Refereed

- 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*, 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^o 2.
- 2014 Michaloudis I., Seats M., "Etherspermia: Conceptual Art, Science and Allegory in the Sky-Seeding project", *Acta Astronautica Journal*, 104 (2014), p.p 61-70, <http://www.sciencedirect.com/science/article/pii/S0094576514002525>
- 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>
- 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, http://www.olats.org/space/13avril/2005/te_iMichaloudis.html
- 2002 Michaloudis I., Droege M., «Sculpting...air» <http://www.solgel.com/articles/dec02/aeroart.asp>

PUBLICATIONS, CONFERENCE PAPERS Refereed

- 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 IAC17.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,
 - 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
 - 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/,
- 2014 Michaloudis I., Alexiou P., “Skypoietic: Art and Science in the Climatic Sculptureality project”, in 65th IAC, paper: E5,4.2x26774, ISSN 1995-6258, DOI 10.1016/j.actaastro.2014.07.009.
- 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., “Etherospermia: 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
- 2007 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

GUEST LECTURES (selection)

- 2019 *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*
- *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, <http://news.neme.org/1810/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, <http://www.institut-acte.cnrs.fr/art-sciences/2015/03/19/climatic-sculptureality-conference-de-ioannis-michaloudis/>
 - *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
<http://www.glassismore.com/core/content.php?option=viewitem&id=42&rd=108&le=120&bp=79&rg=>
- 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
- 2003 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, <http://www.olats.org/space/13avril/2005/space13Avr2005.html>
 - 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, April 6, Dept. of Physics, Shivaji University, Kolhapur, Maharashtra, India
- 2003 7th International Symposium on Aerogels, November 2-5, Alexandria, Virginia, USA
- 2002 Sky Art Conference, October 15-20, Delphi & Ikaria island, Greece, EU

VIII. MEDIA – PRESS – COMMUNITY ENGAGEMENT – BIBLIOGRAPHY

- 2020 *A High Jewelry 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/bouchérons-stunning-high-jewelry-uses-never-before-seen-techniques-2937301/>
- 2017 *Fulbright Campus Adviser*, Northern Territory, Charles Darwin University,
<https://www.fulbright.org.au/campus-advisers/>
The Daedalus Project, Fridge World Perth 2017, <http://neoskosmos.com/news/en/The-Daedalus-Project-perth-fringe-festival>
- 2016 *“Ioannis Michaloudis: In Cyprus the scientist/artist who creates sculptures using clouds”*, Fileleytheros, NwsP, Cyprus, Europe, 30/11/16, <http://www.philenews.com/el-gr/politismos-kypros/162/342548/ioannis-michaloudis-stin-kypro-o-e-pistimonas-kallitechnis-pou-ftiachnei-glypta-me-synnefa>
 - TEDx Darwin: “Can we put the sky into a bottle?”, Ioannis Michaloudis
https://www.youtube.com/watch?v=prWpMLB_2Xw, 28/Sept

- Emilia Terzon, “Darwin “space junk” artist having works rocketed to the moon as part of US university experiment”, 105,7 ABC Darwin Radio, August 10, 2016, <http://www.abc.net.au/news/2016-08-10/darwin-artist-having-art-rocketed-to-the-moon/7712712>,
- “Astronomical Art”, 9 News Darwin, (TV), August 9
<https://www.facebook.com/9NewsDarwin/videos/1148439398528364/UzpfSTewMDAwMTMzNTEzNDgxODoyNzQ4OTQxNzI1MTYwMzA1/>
- “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>
- “Ioannis Michaloudis – Space Tech Art” Radio New Zealand, April 11,
<http://www.radionz.co.nz/national/programmes/nights/audio/201796625/ioannis-michaloudis-space-tech-art>
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IX. INDUSTRIE COLLABORATIONS (in progress)

1. Nanotechnology as an inside-out modelling process, in collaboration with Ocellus Inc. CA,USA, Aerogel Technologies, MA,USA, and KEEY Aerogel S.A.S France-EU.
2. Ambient drying of nanomaterials in collaboration with Chemistry Department of Kyoto University and the Japanese company Tiem Factory Inc.
3. Creation of an ScienceINNArt Nanotechnology Hub in NCSR "Demokritos", Institute of Nanoscience and Nanotechnology, Athens Greece
4. Silica Aerogel Nanomaterial in Jewellery Design, collaboration with the firm Boucheron, Paris, France
5. Climatic Sculptureality project: creating microclimatic conditions into silica aerogel sculptures, in collaboration with NASA's Jet Propulsion Laboratory, CA, USA
6. Interactivity between Design & Science & Technology, book edited for Cambridge Scholars, co-editor Dr. Yuri Tanaka.
7. Nanomaterials as Art, book co-edited for Springer/Nature, 2022
8. Etherospermia project: sky-seeding for new habitable planets, in collaboration with the International Space University

X. R&D ATTRACTED FUNDING (total of ±US\$2,5M)

- Co-Investigator with SPEE3D Metal Printing for two grants from NT Government and Commonwealth, 1.9 M, 2017
- Principal Investigator Charles Darwin University, LEBA Faculty, "Art&Science Synergies" project, 48K for 2016 &2017
- 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*

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

- *Coordinator of Postgraduate program in Visual Arts*, College of Indigenous Futures Arts and Society, Charles Darwin University, NT, Australia (supervising 5 PhD and 4 Master's students in Visual Arts)
- *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 7 undergraduate program units*, School of Design and Art, Curtin University, WA, (2012-14)
- *HDR Associate Supervisor*, MIT, USA (09/2001-11/2003), 1 PhD student completed
- *Supervisor of Graduation Projects (Product Design)*, École Normale Supérieure des Arts Décoratifs, Paris, France, Europe (1/1992-10/1999)
- *Head of Children Summer Camps*, Ministry of Health, Greece, Europe, (1985-1988)

XIII. SIGNIFICANT ACHIEVEMENTS

- Two of his artworks are selected to be part of the *MoonArk project* www.moonarts.org and will be rocketed to the moon before in 2020, 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 now in progress is the 2nd edition in English)
- Individual 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.
- Fundraising (€66K) from the European Union & Organization SME and Handicraft S.A (EOMMEX), Greece, EU for the SME “Ioannis Michaloudis”, Greece, EU 2006
- *11 Aer()sculptures*, solo exhibition in the Museum of Cycladic Art, Athens, EU, Oct. 3-21, 2006, <https://www.cycladic.gr/en/page/aer-plasta>, curator: Mrs.Katerina Koskina

- “Greek Artists Award“, J. W. Fulbright Foundation, USA, 2001

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 a position requiring sensitivity and discretion

XVI. CAREER OBJECTIVE

To continue his career in an academic position where his interdisciplinary experience in research and pedagogies of Fine Arts Design and Science together with his skills in innovative research outputs and conceptual thinking, will be used to produce clearly articulated research strategies and pioneering pedagogical outcomes.

XVII. REFEREES

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2. Prof. Chris Welch, Director of MSc in Space Studies, International Space University, 1, rue Jean-Dominique Cassini, Illkirch-Graffenstaden, 67400 France, Europe, mobile +33 627 480 693, email: chris.welch@isunet.edu
3. Prof. Tony Lucey, John Curtin Distinguished Professor, Head of the School of Civil and Mechanical Engineering, Curtin University, WA, Australia, office:+61 8 9266 7048, email: T.Lucey@curtin.edu.au
