



Academic Personnel Short Profile / Short CV

University:	University of Nicosia
Surname:	Drikakis
Name:	Dimitris
Rank:	Professor
Faculty:	Sciences & Engineering
Department:	Engineering
Scientific Domain:	Engineering Science, Fluid Mechanics, Computational Fluid Dynamics

** Field of Specialization*

Academic qualifications

Qualification	Year	Awarding Institution	Department	Thesis title
MEng	1987	National Technical University of Athens	Mechanical Engineering	Pulsating Viscous Incompressible Flow in Cylindrical and Anisotropic Elastic Tube
PhD	1991	National Technical University of Athens	Mechanical Engineering	Development of Upwind Computational Methods in High Speed Aerodynamics



Employment history				
Period of employment		Employer	Location	Position
From	To			
1992	1995	University of Erlangen-Nuremberg, Germany	Erlangen, Germany	Research Scientist/Team Leader
1995	1999	University of Manchester (former UMIST)	Manchester, UK	Lecturer in Mechanical Engineering
1999	2001	Queen Mary, University of London	London, UK	Reader
2001	2003	Queen Mary, University of London	London, UK	Professor
2003	2010	Cranfield University	Cranfield, UK	Professor and Head of Department
2012	2015	Cranfield University	Cranfield, UK	Professor and Head of Institute
2015	2018	Strathclyde University	Glasgow, UK	Executive Dean, Faculty of Engineering, Executive Director of Space Institute
2018	To date	University of Nicosia	Nicosia, Cyprus	Professor, VP Global Partnerships, Executive Director Research & Innovation



Key refereed journal papers, monographs, books, conference publications etc

Ref. Number	Year	Title	Other authors	Journal and Publisher / Conference	Vol.	Pages
1	2020	On coughing and airborne droplet transmission to humans	T. Dbouk	Physics of Fluids	32	053310
2	2020	On Respiratory Droplets and Face Masks	T. Dbouk	Physics of Fluids	32	063303
3	2019	Acoustic loading beneath hypersonic transitional and turbulent boundary layers	K. Ritos, I. Kokkinakis	Journal of Sound and Vibration	441	50-62
4	2018	Emission Surfaces and Noise Prediction from Rotating Sources	S. Loidice, A. Kokkalis	Journal of Sound and Vibration	429	245-264
5	2018	Performance of High-Order Implicit Large Eddy Simulations	K. Ritos, I. Kokkinakis	Computers and Fluids	173	307-312
6	2018	Physical insight into the accuracy of finely-resolved iLES in turbulent boundary layers	K. Ritos, I. Kokkinakis	Computers and Fluids	169	309-316
7	2017	Solid-like heat transfer in confined liquids	M. Frank	Microfluidics and Nanofluidics	21	148-156
8	2017	Implicit Large Eddy Simulation of Acoustic Loading in Supersonic Turbulent Boundary Layers	K. Ritos, I. Kokkinakis, S. Spottswood	Physics of Fluids	29	046101
9	2017	On the propagation and multiple reflections of a blast	M. Lappa, and I. Kokkinakis	Physics of Fluids	29	033301



		wave travelling through a dusty gas in a closed box				
10	2017	Effects of surface roughness on shear viscosity	M. Papanikolalou, M. Frank	Physical Review E	95	033108

Research Projects				
Ref. Number	Date	Title	Funded by	Project Role
1	2019	Hypersonic Acoustic Loading	US Air Force	Principal Investigator
2	2018	Computational Fluid Dynamics study of Oil and Gas systems	Oil and Gas Innovation Centre and Trevelyan Trading Ltd	Principal Investigator
3	2018	Computational investigation of the performance of an Autonomous Inflow Control Device	Oil and Gas Innovation Centre and Tendeka (Swellfix) Ltd	Principal Investigator
4	2015-2018	High-order large eddy simulations, engineering turbulence and multi-scale modelling of shock physics and compressible turbulent mixing	AWE plc	Principal Investigator
5	2015-2018	Computational modelling and simulation of supersonic/hypersonic transitional and turbulent flows and acoustic fatigue on the structures of hypersonic vehicles	EOARD, USAF	Principal Investigator
6	2016-2017	Nitrogen Enriched Air sparging for removing water from the aircraft fuel	Eaton Aerospace Ltd	Principal Investigator
7	2012-2015	CHANGE (Novel morphing technologies into air transport aircraft)	EU	Principal Investigator



Consulting Services and/or Participation in Councils / Boards/ Editorial Committees

Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1	2014	MBDA	CFD for Thrust Vectoring in Aerospace Systems aiming to improve the aerodynamic performance of rockets	Research consultancy
2	2010-	The Aeronautical Journal. Royal Aeronautical Society	Associate Editor	Handling submission of papers
3	2013-2016	European Aeronautics Science Network	Board Member	Activities associated with the Network
4	2018 -	Elsevier, Computers & Fluids	Associate Editor	Handling submission of papers

Awards / International Recognition

Ref. Number	Date	Title	Awarded by:
1	2008 & 2011	William Penney Fellowship	AWE Plc
2	2014	Technical Achievement Award	International Conference on Mathematical Problems in Engineering, Aerospace and Sciences
3	2014	NEF's Innovator of the Year Award	UK's Institute of Innovation and Knowledge Exchange
4	1998 -	Fellow	Royal Aeronautical Society
5	2006 -	Senior Life Member	American Institute of Aeronautics & Astronautics
6	1998 -	Life Member	American Physical Society