



2nd International Symposium

AI and Fluid Mechanics

Programme

31 AUGUST – 3 SEPTEMBER 2026

CIHEAM MAICH CONFERENCE CENTRE

CHANIA, GREECE

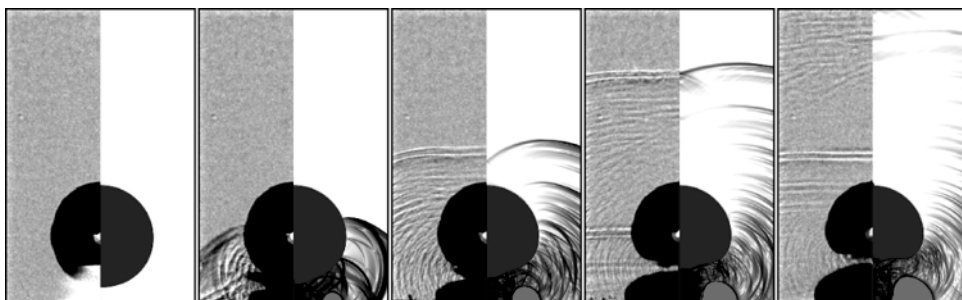


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2nd International Symposium AI and Fluid Mechanics

Welcome Message from the Organizing Committee

It is our great pleasure to welcome you to the **2nd International Symposium on AI and Fluid Mechanics (AIFLUIDs)**, held at **MAICh Conference Centre** in **Chania, Greece**.

Fluid mechanics has been explored by experimental, theoretical and traditional computational methods. Recently, there has been a resurgence of data-driven and machine learning methods to provide improved understanding and control of fluid flows. At the same time, novel approaches of solving the fluid flow conservation equations based on AI techniques are under development. The symposium offers a unique forum for exploring the latest advancements of AI for the analysis, modeling, simulation and control of fluid flows.

The symposium hosts keynote presentations by world-leading experts, open scientific contributions and posters. Moreover, sponsors and industry experts will participate and discuss challenges and future perspectives. The strong participation of more than 300 participants from 34 countries in this inaugural event is a testament to the rapidly growing interest in AI-driven approaches in fluid dynamics. Participants come from a range of backgrounds including universities, research centers, and industry and corporations, reflecting the truly interdisciplinary nature of this field.

As AI continues to reshape traditional approaches in modeling, simulation, and control of fluid flows, this symposium offers a timely and unique opportunity to exchange ideas, showcase new research, and foster collaboration. AIFLUIDs aspires to become the premier global forum dedicated to artificial intelligence and data-driven methods in the field of fluid mechanics. We believe that AIFLUIDs will play a key role in advancing benchmark datasets, validating machine learning models, and shaping the future of computational methods in fluid mechanics.

We sincerely thank you for your participation and contribution. We wish you a productive and inspiring experience in Chania.

Warm regards,

On behalf of the AIFLUIDs 2026 Organizing Committee

Prof Manolis Gavaises

2nd International Symposium AI and Fluid Mechanics Conference Chair

Prof Manolis Gavaises, DIC, FIMechE, FIMA

Chair in Fluid Mechanics
Research Director, Department of Engineering
School of Science and Technology
City St George University London

Earned his PhD from Imperial College London in 1997, receiving the Richard Way Memorial Prize for the most outstanding doctoral thesis on internal combustion engines in the UK. His academic career began at City University London in 2001, with early research on electrification and NZE technologies supported by Toyota Motor Europe. He was appointed to the Delphi Technologies (UK) Research Chair in 2009 and holds honorary professorships at Sorbonne University and the University of Magdeburg, while also served as a visiting professor at EPFL (Switzerland) and the Von Karman Institute for Fluid Dynamics (Belgium).

His research focuses on developing CFD tools for various multiphase flows, contributing to the design and commercialization by industry leaders of durable high pressure fuel injectors as well as novel additised fluids with tailored thermal and rheological properties. The environmental impact of this research is reported in UK's 2021 Research Evaluation framework impact case study, demonstrating annual (and ongoing) CO₂ savings relative to 2009 baseline equivalent to those produced from a UK city of ~200,000 inhabitants. More recently, his research has expanded into multi-material and multi-scale simulation methods, integrating data-driven approaches for emerging applications of fluid mechanics in the life sciences.

Sponsors



Organizing Committee

Prof Sivaramakrishnan “Bala” Balachandar is a Distinguished Professor in the Department of Mechanical and Aerospace Engineering at the University of Florida. He holds a Ph.D. in Applied Mathematics and Engineering from Brown University. His research focuses on computational fluid dynamics, multiphase flows, and large-scale simulations. Prof Balachandar has published over 290 journal papers and mentored numerous Ph.D. students and postdoctoral researchers. He is a Fellow of the American Physical Society and ASME.

Prof Kyriakos C. Giannakoglou is a Professor at the School of Mechanical Engineering, National Technical University of Athens (NTUA), Greece. His research focuses on computational fluid dynamics (CFD), optimization, and artificial intelligence, with applications in aerodynamics, turbomachinery, and biomedical flows. He has supervised over 30 Ph.D. theses and developed the continuous adjoint method for shape optimization in OpenFOAM.

Prof Wagdi G. Habashi is a professor in the Department of Mechanical Engineering at McGill University, where he leads the Computational Fluid Dynamics (CFD) Laboratory. His research focuses on high-speed aerodynamics, aero-icing, and large-scale CFD applications in aircraft and engine design. He developed the FENSAP-ICE system and has received numerous awards, including the Steacie Prize and the Killam Prize.

Prof Miguel Alfonso Mendez is an Associate Professor at the von Karman Institute for Fluid Dynamics (VKI) in Belgium. He holds a PhD in Engineering from Université Libre de Bruxelles and has received several accolades, including the Solvay PhD Thesis Award and the von Karman Prize. At VKI, he teaches courses on Measurement Techniques, Fundamentals of Fluid Dynamics, Signal Processing, and Data-Driven Methods. His research focuses on experimental fluid mechanics, machine learning applications in fluid dynamics, and advanced data analysis techniques.

Prof. Ricardo Vinuesa is the Associate Chair for Research and an Associate Professor of Aerospace Engineering at the University of Michigan. He holds a Ph.D. in Mechanical and Aerospace Engineering from the Illinois Institute of Technology. Prof. Vinuesa leads VinuesaLab, where his research focuses on turbulence, computational methods, flow control, and the application of artificial intelligence and machine learning to complex fluid-dynamics problems. His work has important implications for sustainable aviation and urban environments. Prior to joining the University of Michigan in 2025, he was an Associate Professor at KTH Royal Institute of Technology in Stockholm, Sweden. He has received several prestigious distinctions, including an ERC Consolidator Grant and the Göran Gustafsson Award for Young Researchers.

Prof Wang Yiwei is a full professor at the Institute of Mechanics, Chinese Academy of Sciences. His research focuses on computational fluid dynamics, particularly cavitating and multiphase flows, fluid–structure interactions, and the application of data-driven methods such as physics-informed neural networks. He has authored over 230 publications and has been recognized with the ASME CFDTC Best Paper Award. Professor Wang is also actively involved in various academic committees and editorial boards, including the Journal of Hydrodynamics and the Chinese Journal of Theoretical and Applied Mechanics.

Industrial Advisory Board

The Industrial Advisory Board of AIFLUIDs brings together representatives from leading technology companies and industrial organizations involved in applying AI techniques to fluid mechanics challenges. Its role is to ensure the symposium remains aligned with real-world needs, fostering strong links between research and application. The board plays an active role in panel discussions, round tables, and presentations, offering valuable insights into future collaboration opportunities and industry-driven innovation.

ANDRITZ Hydro (AT)

Rolls Royce Plc (UK)

Toyota Motor Europe (BL)

Volkswagen (DE)

WinDG (CH)

Woodward-L'Orange (DE)

TECPLOT (US/DE)

AVL (AT)

Schlumberger Ltd (SLB)

Dassault Aviation (FR)

Toyota Material Handling Manufacturing
Italy SpA (IT)

VOITH (DE)

Wartsila (NL)

TWT GmbH Science & Innovation (DE)

MaiaSpace (CH)

Siemens Digital Industries Software (UK)

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Hyung Sub Sim (Seoul Sejong University)

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Andrea Ianaro (Carlos III de Madrid)

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Luca Magri (Imperial College)

Dmitry Ponkratov (Siemens Digital Industries Software)

Peter Jimack (University of Leeds)

Alfredo Pinelli (City St George's University London)

Christos Makrides (Imperial College London)

Manolis Gavaises (City St George's University
London)

USA

Anima Anandkumar (Caltech and NVIDIA)

George Karniadakis (Brown University)

Omer San (University of Tennessee)

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Beverley McKeon (Stanford University)

Mike Graham (University of Wisconsin-
Madison)

Jacqueline H. Chen (Sandia National Labs)

Karthik Duraisamy (University of Michigan)

Sibendu Som (Argonne National Labs)

Lyle Pickett (Sandia National Labs)

Sivaramakrishnan Balachandar (University of
Florida)

Adrian Lozano Duran (MIT)

Themis Sapsis (MIT)

Jane Bae (Caltech)

Paris Perdikaris (Microsoft / University of
Pennsylvania)

Petros Koumoutsakos (Harvard University)

Kunhiko Taira (UCLA)

Gianluca Iaccarino (Stanford University)

Steve Brunton (University of Washington)

Bruno Dias (ORAU at NASA Ames Research
Center)

James B. Scoggins (NASA Langley Research
Center (LaRC))

Keynote & Invited Speakers

Mini-Symposium: Quantum Computing for CFD — Monday 31st August 2026

Michael Lubasch — Quantinuum Ltd, UK

Invited Talk: Quantum circuits for partial differential equations in Fourier space

Michael Lubasch is a quantum algorithms researcher at Quantinuum in the United Kingdom. He carried out his doctoral research at the Max Planck Institute of Quantum Optics and was subsequently a postdoctoral researcher at the University of Oxford. His work combines tensor-network methods with variational and circuit-based quantum algorithms for solving partial differential equations, including influential early work on variational quantum algorithms for nonlinear problems and recent quantum circuits for PDEs in Fourier space - approaches that form key building blocks for quantum computational fluid dynamics on near-term and fault-tolerant hardware.

Philipp Thoma — planqc GmbH, Germany

Invited Talk: Quantum and Quantum-Inspired Approaches to CFD

Philipp Thoma is with planqc, a quantum computing company based in Garching near Munich. Founded in 2022 as the first spin-off from the Max Planck Institute of Quantum Optics, planqc develops digital quantum computers based on neutral atoms in optical lattices and integrates them into high-performance computing environments. His contribution addresses quantum and quantum-inspired approaches to computational fluid dynamics, an area in which planqc leads projects for the German Aerospace Center (DLR) with partners including the Technical University of Munich, ENGYS and Airbus on quantum algorithms for aerodynamic and aeroelastic simulation.

Thomas Rung — Hamburg University of Technology (TUHH), Germany

Invited Talk: Strategies to Deploy Quantum Concepts for CFD — From VQA to TQP

Thomas Rung is Professor of Fluid Dynamics at Hamburg University of Technology, where he holds the Chair of Computational Fluid Dynamics at the Institute for Fluid Dynamics and Ship Theory. He received his Dr.-Ing. from the Technical University of Berlin and worked at Bombardier Transportation before joining TUHH in 2005. His research addresses computational fluid dynamics for maritime and engineering applications, simulation-based optimisation, and high-performance computing on hybrid CPU/GPU and emerging quantum platforms. He co-authored the AIAA Journal perspective on variational quantum algorithms for computational fluid dynamics and studies strategies for deploying quantum concepts in engineering flow simulation.

Matthias Möller — TU Delft, The Netherlands

Invited Talk: Quantum lattice Boltzmann methods and lattice gas automata

Matthias Möller is Associate Professor of Numerical Analysis at Delft University of Technology and, since September 2025, Scientific Director of the TU Delft Institute for Computational Science and Engineering. He received his PhD from TU Dortmund University, where his dissertation earned a faculty award. His research spans finite-element and isogeometric analysis, scientific machine learning, and quantum-accelerated scientific computing, with particular interest in quantum and quantum-inspired lattice Boltzmann methods for flow simulation. He leads an industry-funded Quantum-CFD laboratory at TU Delft. Moreover, the work of the QAIMS team which he participates as principal investigator was recognised in the Airbus–BMW Quantum Computing Challenge.

Yue Yang — Peking University, China

Invited Talk: Quantum computing and AI for turbulence simulation

Yue Yang is a professor of mechanics at Peking University. He received his BE from Zhejiang University, an MS from the Chinese Academy of Sciences and his PhD from the California Institute of Technology. His research spans turbulence, transition and combustion, vortex dynamics and vortex-surface fields, and the emerging use of quantum computing for fluid simulation, including quantum algorithms based on the hydrodynamic Schrödinger equation and Hamiltonian simulation of reacting flows. He serves on the editorial board of the Journal of Fluid Mechanics, and his lecture connects quantum computing and AI for turbulence simulation.

Peter Brearley — University of Manchester, UK

Invited Talk: Encoding general non-unitary operations on quantum computers with exponential accuracy

Peter Brearley is a Dame Kathleen Ollerenshaw Fellow in the Department of Mechanical and Aerospace Engineering at the University of Manchester. He received his PhD from Newcastle University, where he studied turbulent premixed combustion using direct numerical simulation. His current research develops quantum algorithms for computational fluid dynamics, including Hamiltonian-simulation approaches to the advection equation and methods for encoding general non-unitary operations on quantum computers with exponential accuracy, alongside continuing work on turbulent combustion and buoyancy-driven flows. His fellowship focuses on establishing quantum computing as a practical tool for flow simulation.

Felix Tennie — City St George's, University of London, UK

Invited Talk: Quantum algorithms for integrating nonlinear dynamics using mean-field nonlinearities

Felix Tennie is based in the Department of Engineering at City St George's, University of London, and holds an affiliation with the Department of Aeronautics at Imperial College London, where he previously worked on quantum computing for fluid dynamics. Trained

in theoretical physics at the University of Oxford, where he lectured at Lincoln College, he develops quantum algorithms for nonlinear dynamics and turbulence, including mean-field treatments of nonlinearity and quantum reservoir computing for forecasting chaotic flows. His research has been supported by the UKRI AI for Net Zero program, and he convenes this mini-symposium at AIFLUIDs 2026.

Dieter Jaksch — University of Hamburg, Germany

Invited Talk: Quantum Computational Fluid Dynamics

Dieter Jaksch is a leading theoretical physicist based at the University of Hamburg and a part-time researcher at Oxford, where he spent nearly two decades prior. He's internationally recognized for his foundational contributions to quantum computing — including authoring the first paper on quantum gate theory and lending his name to the Jaksch gate. His work spans quantum simulation, ultracold atoms, and quantum algorithms for solving real-world challenges like fluid dynamics. He currently leads major European research efforts, including the EU Quantum Flagship project on computational fluid dynamics. Among numerous awards is the Thomas Young Medal and Prize by the Institute of Physics in 2018.

Mini-Symposium: AI and Experimental Fluid Mechanics — Monday 31st August 2026

Andreas Schröder — DLR and BTU Cottbus-Senftenberg, Germany

Invited Talk: 3D Lagrangian Particle Tracking and data assimilation in fluid mechanics

Andreas Schröder is a senior scientist at the German Aerospace Center (DLR), Institute of Aerodynamics and Flow Technology in Göttingen, where he leads the group for PIV and Shake-The-Box (STB), and Professor for Image Based Measurement Techniques at Brandenburg University of Technology (BTU) Cottbus-Senftenberg. His research focuses on optical field measurement techniques for turbulent flow diagnostics, in particular 3D Lagrangian particle tracking with STB and data assimilation. He coordinated the European H2020 project HOMER, has organized the international PIV Course since 2002, and serves as associate editor of academic journals in the field.

Stefano Discetti — Universidad Carlos III de Madrid, Spain

Invited Talk: Machine learning for enhanced flow measurements and control

Stefano Discetti is Full Professor of Aerospace Engineering at Universidad Carlos III de Madrid, Spain, and a visiting professor at the von Karman Institute for Fluid Dynamics. His research focuses on optical measurement techniques for fluid flows — particularly particle image velocimetry and on machine learning for data-driven flow measurement, estimation, and control. He is the recipient of an ERC Starting Grant for the project NEXTFLOW, serves on the editorial board of Measurement Science and Technology, and is active in the ERCOFTAC Special Interest Group on PIV.

Wagdi Habashi — McGill University, Canada

Invited Talk: Reduced Order Modeling: A Virtual In-flight Icing Aircraft Certification Methodology Unifying Computational-Experimental-Flight Fluid Mechanics

Wagdi Habashi is Professor of Mechanical Engineering at McGill University, Canada, where he directs the CFD Laboratory and holds the NSERC–Lockheed Martin–Bell Industrial Research Chair in Multi-Physics Analysis and Design of Aerospace Systems. His research spans large-scale computational fluid dynamics, in-flight icing simulation, and reduced-order modeling, bridging academia and industry through the FENSAP-ICE icing simulation system, now distributed worldwide by ANSYS. He is a Fellow of the Royal Society of Canada, the Canadian Academy of Engineering, AIAA, and ASME, and received the 2009 Killam Prize for Engineering.

Alexander Rack — ESRF, France

Invited Talk: Depicting Dynamic Processes with Real-Time Radioscopy using hard Synchrotron Radiation

Alexander Rack is Scientist in Charge of beamline ID19 and Deputy Head of the Structure of Materials group at the European Synchrotron Radiation Facility (ESRF) in Grenoble, France. His research focuses on hard X-ray imaging, in particular real-time radioscopy and ultra-high-speed synchrotron-based imaging of rapidly evolving processes, together with microtomography for materials and fluids research. A physicist by training with a PhD from the BESSY II light source in Berlin, he has worked at synchrotron facilities for over two decades and advises on beamline development internationally, including the BEATS beamline at SESAME.

Jenna Poonoosamy — Forschungszentrum Jülich, Germany

Invited Talk: AI-assisted lab-on-a-chip experiments: Setting new frontiers in radio-geochemistry

Jenna Poonoosamy leads the Reactive Transport group at the Institute of Fusion Energy and Nuclear Waste Management (IFN-2) at Forschungszentrum Jülich, Germany. Her research addresses water–rock interactions governing natural and engineered subsurface systems, combining radio-geochemistry, lab-on-chip microfluidic experiments, and reactive transport modeling, with growing use of computer vision and AI-based automation to interpret crystallization and transport processes relevant to nuclear waste management. She holds a PhD from a joint programme with the Paul Scherrer Institute and received an ERC Starting Grant in 2022.

Simo Mäkiharju — University of California, Berkeley, USA

Invited Talk: Exploration of AI tools for Experimental Multiphase Flow Data Augmentation

Simo Mäkiharju is Associate Professor of Mechanical Engineering at the University of California, Berkeley, USA, where he leads the FLOW Lab. His experimental research targets high Reynolds number single- and multiphase flows, including cavitation, drag reduction on marine vehicles, and flows relevant to energy production. His group develops advanced flow diagnostics such as time-resolved X-ray densitometry and tomography alongside particle image velocimetry, and explores machine learning and AI-based data augmentation to enhance quantitative flow imaging. He previously worked at the University of Michigan, where he earned his PhD.

Nikolaos Prasianakis — Paul Scherrer Institute, Switzerland

Invited Talk: Bridging Experiments and Simulations: AI-enhanced digital twins

Nikolaos Prasianakis is head of the Transport Mechanisms group and Deputy Head of the Laboratory for Waste Management at the Paul Scherrer Institute, Switzerland. His research combines lattice Boltzmann and pore-scale simulation of reactive flows in complex geometries with machine learning and digital twin approaches for accelerating multiscale simulations. His group integrates state-of-the-art algorithms, experimental facilities including X-ray micro-tomography, and theoretical models to quantify transport phenomena in porous media, with applications ranging from geological repositories and geochemistry to microfluidics and lab-on-chip design.

Day 1
Tuesday 1st September 2026

Steve Brunton — University of Washington, USA

Keynote: Machine Learning for Scientific Discovery, with Examples in Fluid Mechanics

Steven L. Brunton is the Boeing Professor of Artificial Intelligence and Data-Driven Engineering at the University of Washington, Seattle, with appointments in Mechanical Engineering and Applied Mathematics, and directs the NSF AI Institute in Dynamic Systems. He earned his B.S. in Mathematics from Caltech (2006) and his Ph.D. in Mechanical and Aerospace Engineering from Princeton University (2012). His research combines machine learning, dynamical systems and control to discover interpretable models of complex physical systems, and he is co-inventor of the widely used SINDY (Sparse Identification of Nonlinear Dynamics) algorithm. He co-authored the influential textbooks Data-Driven Science and Engineering (CUP) and Dynamic Mode Decomposition (SIAM), and co-edited Data-Driven Fluid Mechanics. His honours include the Presidential Early Career Award for Scientists and Engineers (2019) and Fellowship of the American Physical Society (2024). Through his methods, books and widely followed lectures, he has shaped how the fluid mechanics community applies machine learning to modelling, discovery and control of flows.

Zhi Chen — Peking University, China

Keynote: Unified Benchmarking for Neural Surrogates of Realistic Multiphysics Flows

Zhi X. Chen is an Assistant Professor in the Department of Aeronautics and Astronautics, College of Engineering, at Peking University (since 2021), affiliated with the State Key Laboratory for Turbulence and Complex Systems and the AI for Science Institute, Beijing. He received dual B.Eng. degrees from Huazhong University of Science and Technology and the University of Birmingham, and his Ph.D. in combustion and fluid mechanics from the University of Cambridge (2017), where he was elected a Fellow of Robinson College (2019). His research addresses thermofluid multiphysics — turbulent and flameless combustion, thermoacoustic instability and supersonic reacting flows — through high-fidelity simulation and physics-informed machine learning, and he is a corresponding author of the REALM benchmark for neural surrogates of realistic multiphysics flows. His honours include the Bernard Lewis Fellowship of the Combustion Institute (2020). His group's benchmarking work confronts the reliability of AI surrogates in application-grade reactive and multiphysics flows.

Jean-Jacques Slotine — MIT, USA

Keynote: Stable Adaptation and Learning

Jean-Jacques Slotine is Professor of Mechanical Engineering and Information Sciences and Professor of Brain and Cognitive Sciences at the Massachusetts Institute of Technology, where he has been on the faculty since 1984 and directs the Nonlinear Systems Laboratory. He graduated in aerospace engineering from ISAE-SUPAERO, Toulouse (1981) and received his Ph.D. in Estimation and Control from MIT (1983). A central figure in nonlinear and adaptive control, he pioneered contraction analysis and stable adaptive algorithms now foundational to modern machine learning for dynamical systems, and co-authored the classic textbooks *Applied Nonlinear Control* and *Robot Analysis and Control*. He received the 2016 Rufus Oldenburger Medal of ASME, has held visiting professorships at the Collège de France, École Polytechnique and École Normale Supérieure, and has served as Distinguished Visiting Faculty at Google AI since 2019. His theory of stable adaptation provides the rigorous foundations needed to make learning-based control of fluid and physical systems provably reliable.

Alessandro Parente — Université Libre de Bruxelles, Belgium

Keynote: Digital twins as enablers of renewable synthetic fuels in hard-to-abate industries

Alessandro Parente is Full Professor in the Aero-Thermo-Mechanics department of the École polytechnique de Bruxelles, Université Libre de Bruxelles (ULB), where he also serves as Vice-Dean and, since 2021, as co-head of the Brussels Institute for Thermal-Fluid Systems and Clean Energy (BRITE). He received his M.Sc. (2005) and Ph.D. (2009) in Chemical Engineering from the University of Pisa, held a research appointment at the University of Utah and worked at the von Karman Institute for Fluid Dynamics before joining ULB in 2010, becoming Full Professor in 2019. His research combines experimental and numerical investigation of reacting flows with machine learning, reduced-order

modelling and digital twins, targeting MILD/flameless combustion, renewable synthetic fuels and the decarbonisation of hard-to-abate industries. He has been awarded two ERC grants, coordinates several European projects, and was elected Fellow of the Combustion Institute in 2024, alongside Distinguished Paper Awards at the International Symposia on Combustion (2021, 2023). His data-driven digital-twin methodology for industrial combustion systems exemplifies the translation of AI-augmented fluid mechanics into the energy transition.

Day 2 Wednesday 2nd September 2026

Bernd R. Noack — Shenzhen University, China

Keynote: Aerodynamic technologies and machine learning for the aerial society — making drones and air taxis energy efficient and gust-safe

Bernd R. Noack, Fellow of the American Physical Society, is National Talent and Distinguished Professor at Shenzhen University with secondary affiliations at Shenzhen Technology University, Harbin Institute of Technology, TU Berlin and University Carlos III of Madrid. In Shenzhen, he heads a team with dedicated laboratories for the aerodynamics problems of the low-altitude economy. For over three decades, he has worked on engineering turbulence control for transport vehicles in leading European and the US institutions, including the Max-Planck Society, German Aerospace Center (DLR), United Technologies Research Center (UTRC), TU Berlin and the French National Center for Scientific Research (CNRS). Prof. Noack has written over 350 refereed publications, including 3 patents, 6 books and over 180 journal articles. His work has been awarded with many dozens of national and international awards. For instance, he won China's first NSFC pilot grant (ICFCRT) in Fluid Mechanics (only 25 awardees per year in all disciplines), became National Talent Professor in China and Fellow of the American Physical Society, got the first senior ANR Chair of Excellence in Fluid Mechanics, and was the only winner of the annual von Mises award 2005. His work includes 35 citation classics and enjoys over 20,000 citations with over 3000 citations per year (extrapolated for 2026). His work contains 35 citation classics and accumulated over 21,000 citations.

Jiaqing Kou — Northwestern Polytechnical University, China

Keynote: Explainable Generative Machine Learning for Aircraft Aerodynamic Configuration Design

Jiaqing Kou is a Professor in the School of Aeronautics at Northwestern Polytechnical University (NWPU), Xi'an, China. He received his B.Eng. (2015) and M.Eng. (2018) from NWPU and his Ph.D. from ETSIAE, Universidad Politécnica de Madrid (2022), where his thesis earned the university's Extraordinary Doctoral Award; he then held an Alexander von Humboldt Postdoctoral Fellowship at the Institute of Aerodynamics, RWTH Aachen University. His research focuses on complex flow simulation and artificial intelligence for

unsteady aerodynamics, including reduced-order modelling, dynamic mode decomposition, data-driven aeroelasticity and generative machine learning for aerodynamic design. In 2023 he was selected for China's National Excellent Young Scientists Fund (Overseas) programme, and he serves as an associate editor of Aerospace Science and Technology. With more than 50 journal publications, he represents the leading edge of the new generation applying explainable and generative AI to aircraft aerodynamic configuration design.

Nils Thuerey — TU Munich, Germany

Keynote: AI techniques for differentiable and non-differentiable solvers

Nils Thuerey is Professor of Physics-based Simulation at the TUM School of Computation, Information and Technology, Technical University of Munich. He obtained his Ph.D. from the University of Erlangen-Nuremberg in 2006 with work on liquid simulation, followed by postdoctoral research at ETH Zurich and three years as R&D lead at ScanlineVFX, before joining TUM in 2013. His group develops deep learning methods for PDE-based simulations, with particular emphasis on differentiable physics solvers, learned turbulence models and neural surrogates for fluid flows, and he is lead author of the widely used open book Physics-Based Deep Learning. His distinctions include a Technical Achievement Award (technical Oscar) from the Academy of Motion Picture Arts and Sciences (2012) for fluid effects technology, an ERC Starting Grant (realFlow, 2014) and an ERC Consolidator Grant (SpaTe, 2020). He is one of the most visible bridges between the machine learning and fluid simulation communities, having shaped the field of differentiable simulation.

Adrian Lozano-Duran — MIT, USA

Keynote: General-Purpose ML-Based Closure Models for Computational Fluid Dynamics

Adrián Lozano-Durán is a leading researcher in computational turbulence, currently Associate Professor of Aerospace at the California Institute of Technology (since 2024), having previously served as Draper Assistant Professor of Aeronautics and Astronautics at MIT. He received his B.S., M.S. and Ph.D. in Aerospace Engineering from the Technical University of Madrid (Ph.D. 2015, under Javier Jiménez) and was a Postdoctoral Fellow at Stanford University's Center for Turbulence Research (2016–2020). His research advances turbulence theory and simulation through machine-learning closure models, causal inference and information theory, large-eddy simulation, and high-speed and multiphase flows, with applications to real-world aircraft aerodynamics. His group develops general-purpose, building-block ML wall and subgrid models adopted in exascale CFD efforts. He is widely recognised for bringing rigour and physical interpretability to data-driven turbulence modelling for computational fluid dynamics.

Day 3

Thursday 3rd September 2026

David Hung — Shanghai Jiao Tong University, China

Keynote: Bridging Experiments and Simulations in the Analysis of In-cylinder Air Flow Fields using Machine Learning Techniques

David L.S. Hung is Professor of Mechanical Engineering at Shanghai Jiao Tong University, where he has held a joint appointment in the University of Michigan–Shanghai Jiao Tong University Joint Institute and the School of Mechanical Engineering since 2010. He received his B.S. from Iowa State University (1991) and his M.S. (1993) and Ph.D. (1998) in Mechanical Engineering from Carnegie Mellon University, and spent nearly a decade in the U.S. automotive industry with General Motors/Delphi and Visteon before joining SJTU. His research centres on fuel spray characterisation, in-cylinder flow dynamics and optical diagnostics such as particle image velocimetry, increasingly combined with machine learning and data-driven analysis of engine flow fields. He is a Fellow of SAE International, a recipient of the SAE Henry Souther Standards Award, and has served as Vice-Chairman of the SAE Gasoline Fuel Injection Standards Committee. His pioneering use of physics-guided machine learning to bridge experimental velocimetry data and simulations of cycle-to-cycle in-cylinder flow variability makes him a leading voice at the interface of AI and engine fluid mechanics.

Min Xu — Shanghai Jiao Tong University, China

Keynote: 3D reconstruction of combustion flame temporal development

Min Xu is Chair Professor (Robert Bosch Chair) in the School of Mechanical Engineering at Shanghai Jiao Tong University and directs the university's automotive engineering research institute. He earned his B.S. in marine power engineering from Shanghai Jiao Tong University (1983) and his M.S. (1987) and Ph.D. (1991) in transport phenomena engineering from Hiroshima University, Japan. Before returning to SJTU in 2006 he held research positions at Carnegie Mellon University, senior engineering roles at GM/Delphi and Ford/Visteon — where he was named Technical Fellow — and served as Vice President of engineering at Chery Automobile. His research addresses spray atomisation, combustion, and advanced optical and laser diagnostics for internal combustion engines, including 3D flame reconstruction and machine-learning-assisted analysis of combustion processes. He is a Fellow of SAE International, has chaired ILASS-Asia, and serves on editorial boards including Progress in Energy and Combustion Science and Atomization and Sprays, with over 90 journal papers and 32 patents. His work on data-driven volumetric reconstruction of transient flames exemplifies how AI is transforming experimental combustion and flow diagnostics.

Charbel Farhat — Stanford University, USA

Keynote: Physics-Based AI for Digital Twins of Fluid Flows

Charbel Farhat is the Vivian Church Hoff Professor of Aircraft Structures in the School of Engineering at Stanford University, where he also serves as Professor in the Institute for Computational and Mathematical Engineering; he chaired the Department of Aeronautics and Astronautics from 2008 to 2023, holding its inaugural James and Anna Marie Spilker Chair (2022–2023). He earned his Ph.D. in Civil Engineering from the University of California, Berkeley, and is a member of three national academies: the U.S. National Academy of Engineering, the UK's Royal Academy of Engineering and the Lebanese Academy of Sciences. He directed the Stanford–KACST Center of Excellence for Aeronautics and Astronautics (2014–2024) and the Army High Performance Computing Research Center at Stanford (2007–2018), and served on the U.S. Air Force Scientific Advisory Board (2015–2019); recognized by the U.S. Navy as a Primary Key-Influencer, he flew with the Blue Angels during Fleet Week 2014, and he is the founder of CMSOft and a co-founder of APEX. His honors include the DoD Vannevar Bush Faculty Fellowship, the Daniel Guggenheim Medal, the ASME Lifetime Achievement Award, the USACM John von Neumann Medal, the IEEE Gordon Bell Prize and Sidney Fernbach Award, the 2024 Kuwait Prize in Applied Sciences, and Docteur Honoris Causa degrees from ENS Paris-Saclay, École Centrale de Nantes and ENSAM; he is a Fellow of AIAA, ASME, IACM, SES, SIAM, USACM and WIF, and a Knight in the French Order of Academic Palms. Editor-in-Chief of the International Journal for Numerical Methods in Engineering (2014–2024) and of the International Journal for Numerical Methods in Fluids (2017–2024), he has authored more than 650 refereed publications spanning fluid–structure interaction, computational fluid dynamics, model order reduction, high-performance computing and physics-based machine learning.

Vladimir Vanovskiy — Skolkovo Institute of Science and Technology, Russia

Keynote: Hybrid Modelling and Computational Graph Coarsening for Accelerated Fluid Simulation

Vladimir Vanovskiy is a researcher at the Applied AI Center of the Skolkovo Institute of Science and Technology (Skoltech), Moscow. His work focuses on hybrid physics–AI modelling and self-supervised computational graph and grid coarsening using automatic differentiation, enabling order-of-magnitude acceleration of fluid and subsurface flow simulations while preserving accuracy. His broader research interests span computational fluid dynamics, bubble and particle dynamics, and data-driven forecasting of environmental flows. He has held research affiliations with the Moscow Institute of Physics and Technology and the Institute for Problems in Mechanics of the Russian Academy of Sciences.

Scientific Sessions

S1	Machine Learning	TUE	11:00-12:45	C	Miguel-Alfonso Mendez
		TUE	17:00-18:00	B	Alessandro Parente
		WED	17:00-18:00	C	Miguel-Alfonso Mendez
S2	Digital Twins	THU	17:00-18:15	D	Michele Battistoni
S3	Optimisation and Design	WED	17:00-18:00	D	Kyriakos Giannakoglou
		THU	11:00-12:45	A	Kyriakos Giannakoglou
S4	Physics-informed Models	TUE	11:00-12:30	A	Christopher Bruecker
		WED	11:00-12:45	A	Jenna Poonoosamy
		WED	17:00-18:00	A	Nikolaos Prasianakis
		THU	17:00-18:15	B	Chaouki Habchi
S5	Dimensionality Reduction and Reduced Order Models	TUE	11:00-12:45	B	Steven Brunton
		TUE	17:00-18:00	A	Jiaqing Kou
		WED	11:00-12:45	B	George Papadakis
		WED	17:00-18:00	B	Nils Thuerey
S7	Reinforcement Learning and Flow Control	THU	17:00-18:15	C	Charbel Farhat
S8	PDE Solvers	TUE	11:00-12:30	E	Zhi Chen
		THU	11:00-12:45	E	Jean-Jacques Slotine
S9	Inference, Sensing, Inverse Modelling	THU	11:00-12:45	B	Bernd R. Noack
S10	Turbulence	TUE	11:00-12:45	D	Yue Yang
		TUE	17:00-18:00	C	Yue Yang
		THU	17:00-18:15	A	Andreas Schröder
S11	Industrial & Applied ML in Fluid Systems	WED	11:00-12:45	C	Min Xu
		THU	17:00-18:15	E	Wagdi Habashi
S12	Experimental Data	THU	11:00-12:30	C	Simo Makiharju
S13	Multi-phase	TUE	17:00-17:45	D	Steffen Schmidt
		WED	11:00-12:30	D	David Hung
S14	Turbomachinery and Airfoils	TUE	17:00-18:00	E	Nicolas R. Gauger
		WED	17:00-18:00	E	Weiwei Zhang
S15	Heat Transfer	THU	11:00-12:30	D	Michael Vpin
S18	Combustion, Flames, Sprays	WED	11:00-12:30	E	Arne Scholtissek

Social Events

Registration, Welcome Reception & Dinner

Monday 31st August 18:00 - 20:00

The symposium will commence with an official registration and welcome reception at the MAICh Conference Centre. Delegates are invited to enjoy a buffet dinner and informal networking in a relaxed setting, offering the opportunity to connect with colleagues and participants from around the world.

Scientific & Industrial Committees Dinner (*Chania Old Harbor*)

Wednesday 2nd September

A formal dinner dedicated to members of the Scientific and Industrial Committees, hosted at a traditional venue in the Old Harbor of Chania. This gathering will provide a convivial environment for discussion and exchange among key contributors to the symposium.

Coffee Breaks Daily at **08:00–08:45**, **10:15–11:00**, and **16:30–17:00**

Lunch Daily at **12:30–14:00**

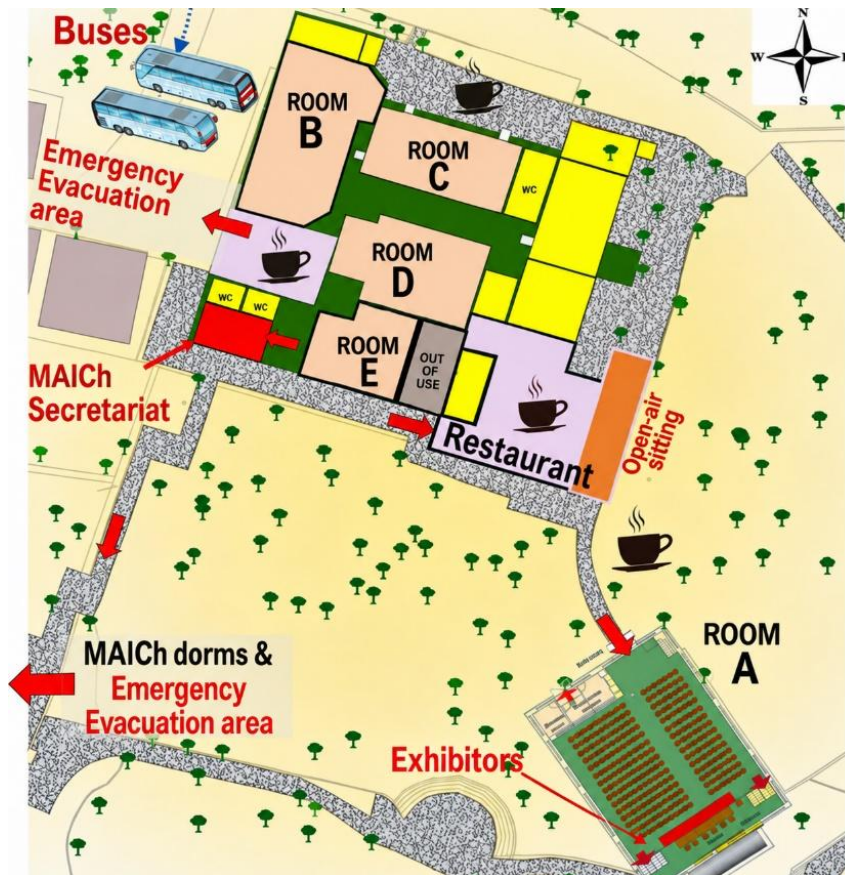
All coffee breaks and lunches will be served at the MAICh Conference Centre.

Cretan Evening, Gala Dinner & Farewell Reception

Thursday 3rd September 18:30 - 23:00

The symposium will conclude with a celebratory evening featuring a gala dinner inspired by traditional Cretan culture. Guests will enjoy regional cuisine, local music, and dancing, followed by a farewell reception. This event offers a final opportunity to connect and reflect on the symposium's outcomes in a festive atmosphere.

Map of MAICh Conference Centre



confer.maich.gr



maps.app.goo.gl/B6n9cwVgHDXkx6zt5

- On-site Registration at MAICh Conference Centre (office secretariat) available at any time.
- Room (R) abbreviation: **A: Poseidon, B: Aristotle, C: Pythagoras, D: Thales, E: Socrates**
- Plenary lectures, Sponsor presentations and Exhibitor desks in A.
- Coffee at 08:00-08:45 only outside Room A and MAICh restaurant.
- Lunches and dinners (including Gala) at MAICh Restaurant.
- Buses will be available in the morning (from Hotels to MAICh) and in the evening (from MAICh to Hotels) for the participants non-residing at MAICh premises.

Programme Overview

Monday 31 August: Mini-Symposia - Quantum Computing for CFD & AI and Experimental Fluid Mechanics			
Time	Day 1 Tuesday 1 st September	Day 2 Wednesday 2 nd September	Day 3 Thursday 3 rd September
07:45 – 08:25	Registration / Coffee (07:45 – 08:25)	Coffee & Refreshments (08:00 – 08:45)	
08:25 – 08:45	Welcome Address - Prof. M. Gavaises (City St George University, UK)		
Plenary Talks 08:45 – 09:30	Steve Brunton (University of Washington, USA)	Bernd R. Noack (Shenzhen University, China)	David Hung (Shanghai Jiao Tong University, China)
09:30 – 10:15	Zhi Chen (Peking University, China)	Jiaqing Kou (Northwestern Polytechnical University, China)	Min Xu (Shanghai Jiao Tong University, China)
10:15 – 11:00	Coffee Break, Refreshments (fruits, snacks)		
11:00 – 12:45 Parallel Sessions	Room A: S4 Physics-informed Models Room B: S5 Rein. Learning, Dimens. Reduction & ROM Room C: S1 Machine Learning Room D: S10 Turbulence Room E: S8 PDE Solvers	Room A: S4 Physics-informed Models Room B: S5 Rein. Learning, Dimens. Reduction & ROM Room C: S11 Industrial & Applied ML in Fluid Systems Room D: S13 Multi-phase Room E: S6 Combustion, Flames, Sprays	Room A: S3 Optimisation and Design Room B: S9 Inference, Sensing, Inverse Modelling Room C: S12 Experimental Data Room D: S15 Heat Transfer Room E: S8 PDE Solvers
12:30 – 14:00	Lunch (MAIch restaurant)		
Plenary Talks 14:00 – 14:45	Jean-Jacques Slotine (MIT, USA)	Nils Thuerey (TU Munich, Germany)	Charbel Farhat (Stanford University, USA)
14:45 – 15:30	Alessandro Parente (Université Libre de Bruxelles, Belgium)	Adrian Lozano Duran (MIT, USA)	Vladimir Vanovskiy (Skolkovo Institute of Science and Technology, Russia)
15:30 – 16:15	Sponsor Presentations	Coffee Break, Refreshments	Round Table: Q&A with Industry Panel
16:15 – 17:00	Coffee Break, Refreshments		Coffee Break, Refreshments
Parallel Sessions	17:00 – 18:00 Room A: S5 Dimensionality Reduction & ROM Room B: S1 Machine Learning Room C: S10 Turbulence Room D: S13 Multi-phase Room E: S14 Turbomachinery and Airfoils		16:15 - 17:15 Room A: S4 Physics-informed Models Room B: S5 Dimensionality Reduction & ROM Room C: S1 Machine Learning Room D: S3 Optimisation and Design Room E: S14 Turbomachinery and Airfoils
18:30 – 23:00			18:15 Closing Remarks (Prof Gavaises)
			Farewell Drinks, Gala Dinner, Cretan Night & Dance

Mini Symposia – Monday 31st August 2026

08:15-08:45	Registration and Coffee	
08:45-08:55	Room C: Welcome Address, Prof. M. Gavaises (City St George University, UK)	
	Room C: Quantum Computing for CFD Chair: Dr Felix Tennie	Room E: AI and Experimental Fluid Mechanics Chairs: Dr Simo Makiharju and Dr Nikolaos Prasianakis
09:00-09:45	Michael Lubasch, Quantinuum Ltd, UK <i>Quantum circuits for partial differential equations in Fourier space</i>	Andreas Schröder, DLR and BTU Germany <i>3D Lagrangian Particle Tracking and data assimilation in fluid mechanics</i>
09:45-10:30	Peter Brearley, University of Manchester, UK <i>Encoding general non-unitary operations on quantum computers with exponential accuracy</i>	Stefano Discetti, U Carlos III Madrid, Spain <i>Machine learning for enhanced flow measurements and control</i>
10:30-11:15	Coffee Break, Refreshments	
11:15-12:00	Philipp Thoma, Planqc GmbH, Germany <i>Quantum and Quantum-Inspired Approaches to CFD</i>	Wagdi Habashi, McGill University, Canada <i>Reduced Order Modeling: A Virtual In-flight Icing Aircraft Certification Methodology Unifying Computational-Experimental-Flight Fluid Mechanics</i>
12:00-12:45	Thomas Rung, TU Hamburg, Germany <i>Strategies to Deploy Quantum Concepts for CFD - From VQA to TQP</i>	Alexander Rack, ESRF, France <i>Depicting Dynamic Processes with Real-Time Radioscopy using hard Synchrotron Radiation</i>
12:45-14:00	Lunch	
14:00-14:45	Matthias Moller, TU Delft, The Netherlands <i>Quantum lattice Boltzmann methods and lattice gas automata</i>	Jeena Poonoosamy, FJZ, Germany <i>AI-assisted lab-on-a-chip experiments: Setting new frontiers in radio-geochemistry</i>
14:45-15:30	Yue Yang, Peking University, China <i>Quantum computing and AI for turbulence simulation</i>	Simo Makiharju, University of Berkeley, USA <i>Exploration of AI tools for Experimental Multiphase Flow Data Augmentation</i>
15:30-16:00	Coffee Break, Refreshments	
16:00-16:45	Felix Tennie, City St George University London, UK <i>Quantum algorithms for integrating nonlinear dynamics using mean-field nonlinearities</i>	Nikolaos Prasianakis, PSI, Switzerland <i>Bridging Experiments and Simulations: AI-enhanced digital twins</i>
16:45-17:30	Dieter Jaksch, University of Hamburg, Germany <i>Quantum Computational Fluid Dynamics</i>	
18:00-20:00	Welcome Reception and Registration, Refreshments, Finger food	

Posters

1	Kento Tajitsu	Tokyo City University, Japan	<i>Data-Driven Discovery of Disjoining Pressure Model for Liquid Film Flows</i>
2	Asahi Shimizu	Tokyo City University, Japan	<i>Data-driven Discovery of Constitutive Models for Coupled Heat and Fluid Flows</i>
3	Kaho Hikita	Tokyo City University, Japan	<i>Aerodynamic Shape Optimization using Variational Auto-Encoder and Physics-Informed Neural Networks</i>
4	Keito Hoshiyama	Tokyo City University, Japan	<i>Data-driven discovery of free energy function for two-phase flow from mDPD data</i>
5	Luis Medrano-Navarro	Technical University of Munich (TUM), Germany	<i>Scalable Transformer for Unstructured Physics Simulations</i>
6	Xiao Xiao	IFPEN, France	<i>Development of Deep-Active-Learning Neural Networks for the Real Fluid Modeling (RFM) Framework – Application to the LOX-GH₂ Mixing Layer Benchmark</i>
7	Yimin Zhang	Beihang University, China	<i>Explicit Embedding of Flow Directionality and Advection Operators in Neural Architectures for High-Fidelity Fluid Dynamics Prediction</i>
8	Vincent Seyfried	Dept. of Particulate Flow Modelling, Johannes Kepler University Linz, Austria	<i>From Neural Surrogates to Neural Twins</i>
9	Hyungmin Shin	DLR (German Aerospace Center), Germany	<i>PeakCNN for particle image localization: Examples, variations, and improvements</i>
10	Tommaso Baffetti	Université Libre de Bruxelles	<i>A Transformer-Based Reduced-Order Model for Reactive Flows Dynamics</i>
11	Ni Shuzhi	Beihang University, China	<i>Physics-Guided Graph Neural Networks for Joint Optimization of Sensor Placement and Sparse Flow Reconstruction</i>
12	Amelie Lam	Laboratoire Lagrange, France	<i>Solver-In-The-Loop Training with Multistep Inputs for Capturing Fine-Scale Turbulence</i>
13	Roberto Dal Monte	Università degli Studi di Padova, Italy	<i>Probabilistic Near-Wall Turbulence Modeling via Physics-Guided Diffusion Model</i>

14	Albert Pool	German Aerospace Center (DLR), Germany	<i>Optimisation strategies for variational quantum simulation of a battery cell model</i>
15	Ruihan Zhang	Tsinghua University, China	<i>Super-Resolution Predictive Initialization Using Neural Operators for Accelerating CFD Simulations</i>
16	Semanur Kucuk	Delft University of Technology, The Netherlands	<i>Automated Image-Based Classification of Air Lubrication Flow Regimes Using Deep Learning</i>
17	Tobias Rentschler	University Stuttgart, Institute of Fluid Mechanics and Hydraulic Machinery (IHS), Germany	<i>Transformer-Based Quadrilateral Block-Structured Mesh Generation</i>
18	Fabio Santos	Laboratorio Nacional de Computación de Alto Rendimiento, Brazil	<i>Adaptive Quantum Physics-Informed Neural Networks (AQPINN) for Solving PDEs</i>

Guidelines for presentations

Plenary talks

- ✓ Take place in Room1.
- ✓ **45min**, including Q&A and introduction from Chair.
- ✓ Invited speakers to check their presentations prior to their session; a PC will be available to upload files, but own laptops can be also used.

Parallel Session Presenters

- ✓ **15min**; limit your presentation to **12min** to allow for Q&A and time-lag between successive presenters.
- ✓ Presenters must check their presentations prior to their session; check detailed program for allocated time and refer to your session Chair and dedicated person for assistance; to avoid delays, please upload your files prior to the session to conference-room PC available.

Sponsors/exhibitors

- ✓ In Room 1 during the 3 days of the conference; desks/equipment can be set up in the afternoon/evening of Monday 31st August (during the Welcome Reception). Equipment can be provided after the conference; please contact MAICh personnel for instructions.
- ✓ 15min presentation in dedicated session in Room 1, including Q&A and time-lag between successive presenters; please check presentation prior to session.

Chairs

- ✓ To be in touch with presenters prior to the session and make sure all session presentations are playing/displayed properly prior to the session.
- ✓ To make sure presentations do not start before the indicated starting time of the Program.
- ✓ To make a short introduction to the presenter prior to his/her/it talk.
- ✓ To notify the presenters 2min before the end of the 12min presentation duration time.
- ✓ To coordinate and encourage Q&A after each presentation; request name and affiliation of the colleagues asking questions.
- ✓ In case of no show, kindly wait until the next scheduled presentation.
- ✓ Posters must be set up on the evening of Monday 31st August (during the Welcome Reception) in the designated area outside Room 1. Boards with sizes 0,85m (width) x 1,20m (height) will be available. Adhesive material will be provided on the site.
- ✓ Become available to discuss your posters with participants stopping by during the conference.
- ✓ Posters can be taken after the conference; please contact MAICh personnel for instructions.

Participants

- ✓ You are kindly advised not to enter rooms while presentations take place, to avoid disturbance.
- ✓ Change conference room (if needed) to the last minute prior to the indicated starting time of each presentation.
- ✓ During Q&A identify yourself (name/affiliation).

You are encouraged to visit and talk to the sponsors/exhibitors during the days of the conference.

Health and Safety

SELF-ISOLATION/QUARANTINE (in case of a serious epidemic):

While the Institute takes all precautions to avoid contamination, in case of a confirmed e.g. COVID case in the Institute, you may be asked to self-isolate and/or quarantine. Please note that you are OBLIGED to do this if you are asked to by the state authorities. Please always be aware to wash your hands regularly, and to use disinfectant wherever possible. While MAICH takes every care to ensure your health and safety on the campus, you are personally responsible for your own safety. Please always show PERSONAL RESPONSIBILITY.

IN CASE OF FIRE:

- ✓ Stay calm and don't panic; Call the fire brigade immediately: **199**
- ✓ If you know how to use a fire extinguisher, use it to put out the fire before the fire spreads; Evacuate the building according to the plans on display in each area; Gather at the assembly area as specified in the plan on display in the building; If you can't leave the room, seal the doors and windows in order not to help the fire spread.

IN CASE OF EARTHQUAKE:

- ✓ Stay calm and don't panic; Stay away from furniture or objects which can fall on you.
- ✓ Find shelter under a table or desk or next to a solid piece of furniture (in a safe triangle). If there is no suitable furniture, crouch in the middle of the room and cover your head with your hands.
- ✓ Find shelter under the frame of a door; Stay away from glass surfaces; Do not go out onto the balcony; Do not run towards the exit; Do not use the elevator; After the shaking stops completely, leave the building with caution; Remember: do not run; Gather at the assembly area as specified in the plans on.

Students/visitors are responsible for their personal belongings in their rooms. In the case of loss, the Institute bears no responsibility. Students/visitors must keep their door locked when they are absent from their room. The Institute holds no responsibility for lost or stolen personal items.

EMERGENCY EVACUATION LOCATIONS

See designated areas in Page 20.

AT ALL TIMES: Please consider all the people who use the Institute's facilities, as well as the cleaning ladies who need to clean up afterwards. All students/visitors are required to adhere to these rules of cleanliness.

An Automated External Defibrillator (AED) is available in the venue.

Useful Information

EUROPEAN EMERGENCY NUMBER: 112

TAXI

+30 2821 0 98700

Mobile Applications **18300 ANDROID / 18300 IOS**

AUTHORITIES

Emergency Police: 100

Fire Department: 199

Police: +30 2821 0 28744

Port Authority: +30 2821 0 98888

FIRST AID – HOSPITAL

First Aid: 166

Hospital of Chania: +30 2821 0 22000

Private Clinique “IASIS”: +30 2821 0 70800

Private Clinique
“Therapeutic of Chania” +302821052688

RECEIPTS/INVOICES: You should have already received your receipt/invoice through email. In case there is no receipt/invoice received so far, please contact the conference secretariat.

CONFERENCE BADGES: Will be provided upon registration. Badges function as tickets for the conference rooms and for the “Mediterranean” Restaurant, which is located in the conference venue. Therefore, badges should be worn at all times.

LANGUAGE: The official language of the conference is English.



Free, no password. Use the strongest signal available.
Provided by MAICH – up to 50Mbit.



Participants must arrange transportation independently

Taxi estimated cost to/from airport: 30€



Bus No. 13 connects MAICH with the city.

Stops: Square 1866 & AGORA terminal.

More info: Chania City Bus website



Photos will be taken during the event for marketing. All the photos will be displayed on the monitor located outside the Conference Center Office of MAICH during the conference. If you do not wish to be photographed, or you wish to delete a photo please inform the conference secretariat at MAICH.

The conference secretariat is open during the conference hours and willing to help and assist participants.

Bus Schedule and Stops

(for non-MAICh residents)

Participants can reach the Conference Center of MAICh by the arranged shuttle buses.

Please note that the buses cannot wait at the designated bus stops, as stopping is not permitted. The stops may only be used for boarding and alighting passengers.

While the bus may occasionally be delayed due to traffic or other unforeseen circumstances, delegates are expected to be at the designated bus stop on time and cannot delay the scheduled departure. Therefore, buses will depart as soon as boarding is completed. Anyone who is not at the bus stop on time may miss the bus.

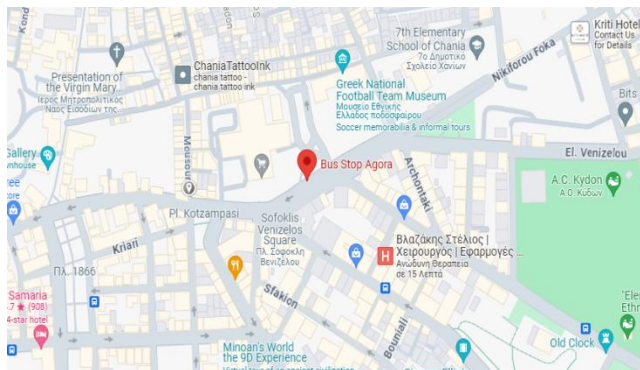
We kindly ask all delegates to be at the designated bus stop a few minutes before the scheduled departure time.

Bus Stop	Monday 31 st August
Hotels to MAICh (Morning)	
STOP 3	07:40*
STOP 1	07:45*
STOP 2	07:50*
MAICh to Hotels (Evening)	
MAICh	20:15

*For participants attending the mini-symposia

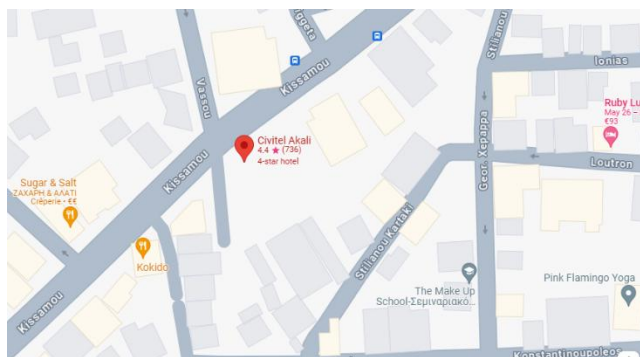
Bus Stop	Monday 31 st August	Tuesday 1 st September	Wednesday 2 nd September	Thursday 3 rd September
Hotels to MAICh (Morning)				
1	17:30	07:30	07:30	07:30
2	17:30	07:30	07:30	07:30
3	17:30	07:30	07:30	07:30
4	17:30	07:30	07:30	07:30
MAICh to Hotels (Evening)				
MAICh	20:15	18:15	17:30	23:00

STOP 1: AGORA BUS STOP (serves hotels KYDON, KRITI, PORTO VENEZIANO)



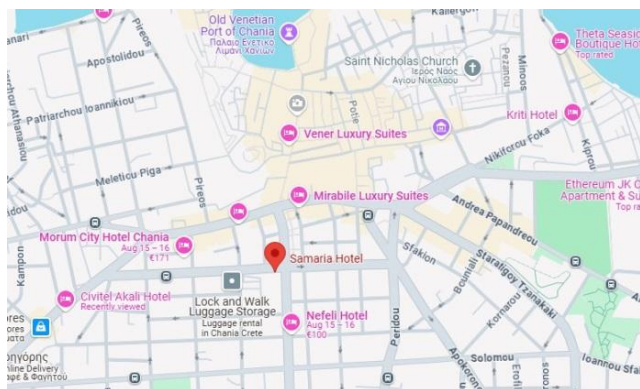
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STOP 2: AKALI HOTEL



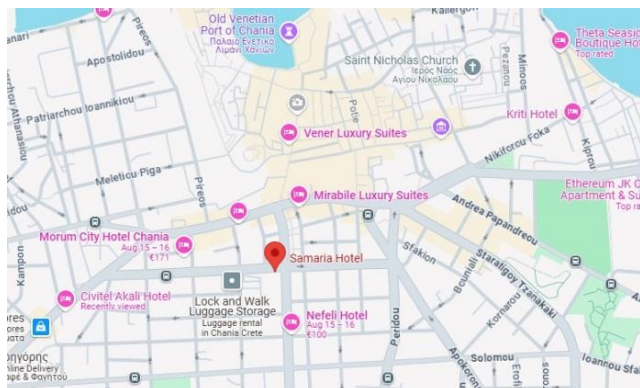
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STOP 3: HALEPA HOTEL



<https://maps.app.goo.gl/L6v1u1wx5czZnSmy7>

STOP 4: SYN.KA Supermarket ,PL 1866 (serves hotels SAMARIA and ARKADI)



<https://maps.app.goo.gl/1447QWFCGinNz49u8>

Notes

