

SPH rEsearch and engineeRing International Community

Steering Committee members – June 2023

| Member | Type of institution | Representing person | Service | Address | e-mail | Research interest |
|--|----------------------|------------------------|-------------------|--|----------------------------------|---|
| University of Parma | Academia | Renato VACONDIO | Chair | University of Parma, v.le G.P. Usberti 181/A 43100 Parma, ITALY | renato.vacondio@unipr.it | Free-surface flows |
| University of Manchester | Academia | Benedict ROGERS | Vice-chair | School of Mechanical, Aerospace & Civil Engineering, University of Manchester, Manchester, M13 9PL, U.K. | benedict.rogers@manchester.ac.uk | Coastal hydrodynamics; Floating bodies; Aerated flows, multi-phase flows, high temperature applications |
| University of Hertfordshire | Academia | Tom DE VUYST | Secretary | School of Physics, Engineering and Computer Science, University of Hertfordshire, Hatfield, Hertfordshire, AL10 9AB, U.K | t.de-vuyst@herts.ac.uk | Stability, Boundary conditions, Coupling, Industrial Applications |
| New Jersey Institute of Technology | Academia | Angelo TAFUNI | Webmaster | School of Applied Engineering and Technology, Department of Mechanical and Industrial Engineering, New Jersey Institute of Technology, University Heights, Newark, NJ 07103, USA | atafuni@njit.edu | Fluid-Structure Interaction, Free-surface flow, Turbulence |
| Technical University of Munich | Academia | Xiangyu HU | Newsletter Editor | Institute of Aerodynamics, Technical University of Munich, Arcisstrasse 21, GERMANY | xiangyu.hu@tum.de | Microfluidic applications; Lagrangian turbulence. |
| University of Vigo | Academia | Alejandro CRESPO | | EPHYSLAB Environmental Physics Laboratory Edificio de Física Campus As Lagoas s/n Universidad de Vigo 32004 Ourense SPAIN | alexboxe@uvigo.es | Coastal engineering applications, high performance computing, pre-processing, visualisation |
| Siemens | Industry | Matthieu DE LEFFE | | 18 rue de la Petite Sensive, CS 42105, 44321 Nantes Cedex 03, France | matthieu.de-leffe@siemens.com | Free-surface flows, multiphase flows, fluid-structure interactions |
| Kyoto University | Academia | Abbas KHAYYER | | Department of Civil and Earth Resources Engineering, Kyoto University, Kyoto 615-8540, Japan | khayyer.abbas.3w@kyoto-u.ac.jp | projection particle methods, free-surface flows, multiphase flows, fluid-structure interactions, solids and structures |
| CNR-INSEAN | Government Institute | Salvatore MARRONE | | CNR-INSEAN, The Italian Ship Model Basin, Via di Vallerano 139, 00128 Rome, ITALY | salvatore.marrone@cnr.it | Ship Dynamic; Sloshing Flows; Impact flows and related loads on ship structures; Numerical methods for free surface flows |
| National University of Ireland, Galway | Academia | Nathan QUINLAN | | Dept. of Mechanical and Biomedical Eng. NUI Galway IRELAND | nathan.quinlan@nuigalway.ie | |
| Dive Solutions | Industry | Pierre SABROWSKI | | Bismarckstraße 10-12, 10625 Berlin, Germany | sabrowski@dive-solutions.de | |
| Technical University of Madrid | Academia | Antonio SOUTO IGLESIAS | | Naval Architecture Department (ETSIN), Technical University of Madrid (UPM), Arco de la Victoria s/n., 28040 Madrid, SPAIN | antonio.souto@upm.es | |

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| ANDRITZ Hydro SAS | Industry | Jean-Christophe MARONGIU | 13 Av. Albert Einstein, 69100 Villeurbanne, France | jean-christophe.marongiu@andritz.com | Hydraulic turbomachinery; Pelton turbines; Water jets; Water sheets; Hydraulic intakes. |
| EDF R&D | Industry | Damien VIOLEAU | Laboratoire National d'Hydraulique et Environnement, EDF R&D, 6 quai Watier, 78400 Chatou, FRANCE | damien.violeau@edf.fr + agnes.leroy@edf.fr + sergei.potapov@edf.fr | Free surface Flows; Turbulence; Water waves / structure interaction; Multiphase Flow; Waterworks. |
| ESI-Group Netherlands | Industry | Paul GROENENBOOM | ESI Group (Engineering Systems International B.V.), Radex Innovation Centre, Rotterdamseweg 183 C, 2629 HD Delft, THE NETHERLANDS | pgr@esi-group.com | |
| University of Plymouth | Academia | Jason HUGHES | School of Computing and Mathematics, Plymouth University, Drake Circus, Plymouth, PL4 8AA, UK | jhughes@plymouth.ac.uk + dgraham@plymouth.ac.uk | Water wave / structure interactions; Turbulence; Multiphase Flow; Non-Newtonian Flow; Mathematical Analysis. |
| ANDRITZ Hydro AG | Industry | Martin RENTSCHLER | Andritz HYDRO, rue des deux gares 6, 1800 Vevey, SWITZERLAND | Martin.Rentschler@andritz.com | Hydraulic turbomachinery; Pelton turbines; Water jets; Water sheets; Hydraulic intakes. |
| University of Stuttgart | Academia | Peter EBERHARD | Institute of Engineering and Computational Mechanics, University of Stuttgart, Pfaffenwaldring 9, 70569 Stuttgart, Germany | peter.eberhard@itm.uni-stuttgart.de | Sloshing fluids, adaptivity, boundary treatment, abrasive damage and cutting processes |
| CSIRO Mathematical and Information Sciences | Academia | Paul CLEARY | Research Way, Clayton, Vic, 3168, Clayton, Vic | paul.cleary@csiro.au | Turbulence; Water waves; Fluid-structure interaction; Ship hydrodynamics. |
| Ecole Polytechnique Fédérale de Lausanne | Academia | François AVELLAN | EPFL-STI-LMH, Avenue de Cour 33 bis, CH-1007 Lausanne, SWITZERLAND | francois.avellan@epfl.ch | Hydraulic machinery; Cavitation; Flow surfaces. |
| Université du Havre | Academia | Louis BLONCE | 25 Rue Philippe Lebon, 76600 Le Havre, France | louis.blonce@univ-lehavre.fr + gregory-pinon@univ-lehavre.fr | |
| Swiss Federal Institute of Technology | Academia | Petros KOUMOUTSAKOS | ETH Zurich, Universitatstrasse 6, ETHZ - CAB H69.2, Zurich, CH-8092, SWITZERLAND | petros@inf.ethz.ch | Multiscale simulation; Bluff body flows; Biophysics; Growth and pattern formation; Vortex dynamics. |

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| Ricerca sul Sistema Energetico – RSE | Government Institute | Andrea AMICARELLI | Ricerca Sistema Energetico - RSE Spa, Environment and Sustainable Development Department, via Rubattino, 54, 20134 Milano, ITALY | andrea.amicarelli@rse-web.it | Floods, landslides, sediment removal from water reservoirs, wave motion, sloshing fuel tanks |
| University of Genova | Academia | Michele VIVIANI | Via All'Opera Pia, 11 A, 16145 Genova GE | michele.viviani@unige.it + giuliano.vernengo@unige.it | Sloshing phenomena inside ship tanks; Green water on deck (violent water embarquement). |
| University of West Bohemia | Academia | Libor Lobovský | Department of Mechanics University of West Bohemia in Pilsen, Univerzitní 22, 30614 Plzeň, Czech Republic | lobo@kme.zcu.cz | |
| UNISA CUGRI (University Consortium for Research in Engineering) | Academia | Giacomo VICCIONE | CUGRI, Piazza Vittorio Emanuele 84080 Penta di Fisciano ITALY | epc@unisa.it, + cugri@unisa.it | |
| City University London | Academia | Qingwei MA | School of Engineering and Mathematical Sciences, City University, Northampton Square, London EC1V 0HB, UK | q.ma@city.ac.uk | |
| HydrOcean | Industry | Erwan JACQUIN | 8 Bd Albert Einstein, 44300 Nantes, France | erwan.jacquin@hydrocean.fr + yoann.jus@hydrocean.fr + daniel.barcarolo@hydrocean.fr + nicolas.couty@hydrocean.fr | Free surface flows, green water, sloshing |
| Laboratório Nacional de Engenharia Civil | Government Institute | Eric DIDIER | Laboratório Nacional de Engenharia Civil, LNEC / NPE / DHA, Av. Do Brasil, 101, 1700-066 Lisboa, PORTUGAL | edidier@lnec.pt | Free surface flow; Wave-structure interaction; Wave breaking; Wave overtopping. |
| Catholic University Leuven | Academia | Paul Van LIEDEKERKE | Catholic University Leuven, Kasteelpark Arenberg 30, 3001 Heverlee. BELGIUM | Paul.VanLiedekerke@biw.kuleuven.be | |
| University of Calabria | Academia | Francesco ARISTODEMO | Via Pietro Bucci, 87036 Arcavacata CS | aristodemo@dds.unical.it + aristotool@gmail.com | Free surface flows; Bottom roughness; Multiphase flows. |
| University of Ljubljana | Academia | Dusan ZAGAR | University of Ljubljana, Jamova 2, SI-1000 Ljubljana, SLOVENIA | dzagar@fgg.uni-lj.si | |
| Monash University | Academia | Ha H. BUI | Monash University, Clayton, Vic 3800, Melbourne, AUSTRALIA | buihongha@gmail.com + daniel.price@monash.edu + joe.monaghan@monash.edu | |
| Karlsruhe Institute of Technology | Academia | H.-J. BAUER | Thermische Stroemungsmaschinen Kaiserstr. 12, 76131 Karlsruhe GERMANY | hans-joerg.bauer@kit.edu + corina.hoefler@kit.edu + rainer.koch@kit.edu + samuel.braun@kit.edu + juan.meza@kit.edu | Multi-phase flows and multiple continua, Free surface flows and moving boundaries, Viscosity and turbulence modelling |

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| Amir Kabir University of Technology | Academia | Shariar ABTAHI | Amir Kabir University of Technology, Hafez Street, Tehran, IRAN | sh.abtahi@aut.ac.ir + a.dashtimanesh@aut.ac.ir + hasepyani@gmail.com | Wave-structures interaction; Wave group generation and breaking |
| University of Exeter | Academia | Matthew BATE | School of Physics, University of Exeter, Stocker Road, Exeter EX4 4QL, UK | mbate@astro.ex.ac.uk | Astrophysics |
| University of Regina | Academia | Ahmad SHAKIBAEINIA | Faculty of Engineering and Applied Science, University of Regina, 3737 Wascana Parkway, Regina, Saskatchewan, S4S 0A2, CANADA | shakibaa@uregina.ca + jabbaria@uregina.ca + mossafam@uregina.ca | Multiphase flow, free surface flow, SPH like mesh-free particle methods such as MPS |
| University of Auckland | Academia | Raj DAS | 20 Symonds Street, Auckland 1010, NEW ZEALAND | r.das@auckland.ac.nz | Solid deformation, impact, Fracture |
| Alstom Hydro | Industry | Pierre LEROY | 82, av Leon Blum, 38041 Grenoble Cedex 9, FRANCE | Pierre.leroy@power.alstom.com + farid.mazzouji@power.alstom.com + emmanuel.flores@power.alstom.com | Turbomachine / Free surface flow |
| Instituto Superior Tecnico | Academia | João M. MELO DE SOUSA | Av. Rovisco Pais, 1049, 001 Lisboa, PORTUGAL | msousa@ist.utl.pt + shahab.khorasanizade@ist.utl.pt | fluid dynamics, multiphase flow, turbulent flow, ISPH, boundary treatment, GPU implementation |
| Australian Nuclear Science and Techno | Government Institute | Michael SALEH | New Illawarra Rd, Lucas Heights NSW 2234, Australia | michael.saleh@ansto.gov.au + lyndon.edwards@ansto.gov.au | continuum dynamics, fluid structure interaction, high velocity impact |
| Eindhoven University of Technology | Academia | Martijn ANTHONISSEN | 5612 AZ Eindhoven, Netherlands | m.j.h.anthonissen@tue.nl + w.h.a.schilders@tue.nl + a.s.tjsseling@tue.nl + linden@win.tue.nl + a.muntean@tue.nl + s.p.korzilius@tue.nl + j.h.m.evers@tue.nl | Numerics and fundamentals of SPH |
| National Taiwan University (NTU) | Academia | Tsang-Jung CHANG | 1, Section 4, Roosevelt Road, Taipei, Taiwan, China | tjchang@ntu.edu.tw + hmkao@ntu.edu.tw + f94622026@ntu.edu.tw + apefish.tw@yahoo.com.tw + sheng_einstein@hotmail.com | Shallow water equations |
| Université du Luxembourg | Academia | Bernhard PETERS | Université du Luxembourg, Faculté des Sciences, de la Technologie et de la Communication, Campus Kirchberg, 6, rue Coudenhove-Kalergi, L-1359 Luxembourg | bernhard.peters@uni.lu + yuchung.liao@uni.lu | Interaction fluid - objects |
| University of Central Lancashire | Academia | Dimitris STAMATELLOS | Jeremiah Horrocks Institute, University of Central Lancashire, UK | dstamatellos@uclan.ac.uk + BMacfarlane@uclan.ac.uk + APMercer@uclan.ac.uk | Astrophysics, star formation, planet formation, protostellar disc physics |
| University of Innsbruck | Academia | Wolfgang RAUCH | University of Innsbruck, A-6020 Innsbruck, Austria | Wolfgang.Rauch@uibk.ac.at + daniel.winkler@uibk.ac.at + michael.meister@uibk.ac.at | Environmental Engineering |

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| Flanders Hydraulics Research | Research Institute | Tomohiro SUZUKI | Berchemlei 115, 2140 Antwerpen, Belgium | tomohiro.suzuki@mow.vlaanderen.be | Wave structure interaction |
| EPHYTECH (Environmental Physics Te | Industry | Ángel ÁLVAREZ Fernández | Sistis, 4, 32593 Arrabaldo, Ourense, Spain | angel@ephytech.com + orlando@ephytech.com | Advanced visualisation for SPH models, urban flooding and debris flows |
| Bournemouth University | Academia | Richard SOUTHERN | National Centre for Computer Animation, Bournemouth University, Poole, BH12 5BB, UK | rsouthern@bournemouth.ac.uk | Boundary conditions, Visual Effects, Real-time applications, Rendering |
| Escuela Superior Politécnica del Litoral | Academia | Ruben J. PAREDES | Km 30., Vía Perimetral 5, Guayaquil, Ecuador | rparedes@espol.edu.ec | Free surface flows, naval architecture applications, sedimentation |
| Beuth Hochschule für Technik Berlin | Academia | Joachim VILLWOCK | Beuth HS, Fachbereich VIII, Luxemburger Str. 10, 13353 Berlin | villwock@beuth-hochschule.de + coertel@beuth-hochschule.de + Pierre.Sabrowski@fsd.tu-berlin.de | Simulation of Sedimentation in Waste Water and Simulation of the Washing Process in a rotating drum |
| Seoul National University | Academia | Jihoe KWON | 1 Gwanak-ro, Gwanak-gu, Seoul, South Korea | iori96@snu.ac.kr + myidjejy@snu.ac.kr + hccho@snu.ac.kr | liquid-dust multiphase flow / surface tension dominant flow / mineral processing |
| Auburn University | Academia | Stephen NICHOLS | Auburn University Aerospace Engineering Department, 331 Davis Hall, Auburn University, Auburn, AL 36849 | Stephen.Nichols@auburn.edu | Fluid Dynamics, High Performance Supercomputing |
| Peking University | Academia | Moubin LIU | 5 Yiheyuan Road, Haidian District, Beijing, China | mbliu@pku.edu.cn + mbliu_pku@foxmail.com + weng-xi@foxmail.com + 280065886@qq.com | Approximation techniques with applications in free-surface and interfacial flows, explosion and impact |
| Ecole des Mines of Saint-Etienne Franc | Academia | Olivier BONNEFOY | 158 cours Fauriel, 42100 Saint-Etienne, France | bonnefoy@emse.fr + sandra.geara@emse.fr + sylvain.martin@emse.fr | Free-surface flows, laser-matter interaction, solid-liquid phase transition |

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| Shiraz University | Academia | A. DANESHVAR | Shiraz University, Department of civil and environmental engineering Zand Blvd., Shiraz, Fars Province, Iran | fdaneshvar@shirazu.ac.ir + taleb@shirazu.ac.ir + rakhshan@shirazu.ac.ir | Convergence, consistency and stability in Incompressible SPH, Adaptivity, Coupling to other models, and modelling free surface fluid flow and waves |
| National University of Singapore (NUS) | Academia | Erwan BERTEVAS | Faculty of Engineering, National University of Singapore, 9 Engineering Drive 1, 117575, Singapore | nhan@nus.edu.sg + mpekbc@nus.edu.sg + mpettd@nus.edu.sg + mpeleck@nus.edu.sg + mpe_dtan@nus.edu.sg | Non-Newtonian fluids, Multiphase flows, Large-scale simulations of deep sea sediment transport, Fibre-suspension, 3D printing, Porous media |
| Research Center Pharmaceutical Engineering | Industry | István Kondor | Research Center Pharmaceutical Engineering GmbH A-8010 Graz, Inffeldgasse 13/II, Austria | istvan.kondor@rcpe.at | TBU |
| AySA | Industry | Diego N. BOTTELLI | Tucumán 752, C1049 CABA, Argentina | diego_n_bottelli@aysa.com.ar + Sebastian_H_martijena@aysa.com.ar + guillermo_nociari@aysa.com.ar + sebastian_santisi@aysa.com.ar | Hydraulics, modelling process in water treatment plants (water and wastewater), Near Field pollutants dispersion in wastewater submarine outfalls |
| Nazarbayev University | Academia | Desmond ADAIR | Nazarbayev University, 53 Kabanbay Batyr str., Astana, Kazakhstan | dadair@nu.edu.kz + alima.tazabekova@nu.edu.kz | transport in porous medium, convective heat transfer |
| Ocean University of China | Academia | Domenico Davide MERINGOLO | Ocean University of China, n° 238 Song-Ling Road, Laoshan District, Qingdao, 266100, China | davide.m86@gmail.com + liuyong@ouc.edu.cn + panchi@stu.ouc.edu.cn + ouccyk@gmail.com | Applications to Coastal and Ocean Engineering field |
| Institute of Applied Physics and Computational Mathematics | Academia | Zhibo MA | Institute of Applied Physics and Computational Mathematics, No.2 Feng Hao Dong Lu, Hai Dian District, Beijing, 100094, China | mazhibo@iapcm.ac.cn + asiabuaasa@163.com + lvguixia@126.com + zhang_mingyu@iapcm.ac.cn | Multi-scale and multi-physics of complex flow, fluid-structure interactions, plasma, engineering of nuclear power plant |
| BECKER 3D GmbH | Industry | Alexander BECKER | BECKER 3D GmbH, Auenweg 8, 9521 Treffen, Austria | a.becker@becker3d.com | Free surface flow, Multiphase flow, SPH-DEM coupling |

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| Harbin Engineering University | Academia | Aman ZHANG | 145 Nantong Ave, Nangang, Harbin, Heilongjiang, China, 150009 | zhangaman@hrbeu.edu.cn + sunpengnan@hrbeu.edu.cn + mingfuren@hrbeu.edu.cn + chenghan_hrbeu@163.com | Numerical and application studies with the SPH (Smoothed Particle Hydrodynamics) method on fluid-structure interactions |
| Institut de recherche d'Hydro-Québec (I | Industry | Roubtsova VARVARA | Institut de recherche d'Hydro-Québec (IREQ), 1740, boul. Lionel-Boulet, Varennes (Quebec), J3X 1S1, Canada | roubtsova.varvara@ireq.ca + chekired.mohamed@ireq.ca | Coupling to other models, Applicability to industry |
| University of Basel | Academia | Rubén CABEZÓN | University of Basel, Klingelbergstrasse 50/70, 4056 Basel, Switzerland | ruben.cabezon@unibas.ch + florina.ciorba@unibas.ch + aurelien.cavelan@unibas.ch + danilo.guerrera@unibas.ch + ali.mohammed@unibas.ch | Astrophysics. Type Ia and core-collapse Supernovas. Stellar Collisions. High-performance Computing. Massive Parallelization. Numerics and Fundamentals of SPH. |
| Gate Pathshala Educational Services L | Academia | Mohd Abrar NIZAMI | Gate Pathshala Educational Services LLP, #153, 2ND Floor, Karuneeagar Street, Adambakkam, Chennai, 600088, India | abrarn17@gmail.com + abhiyan3@gmail.com | Fluid-structure Interactions, flow around 2D bodies, Applications of SPH in Aerospace Engineering |
| Hamburg University of Technology (TUH | Academia | Thomas RUNG | Schwarzenbergstraße 95c, 21073 Hamburg, Germany | thomas.rung@tu-harburg.de | |
| E8IGHT Co., Ltd | Industry | Jin Hyun Kim | 249 Unjung-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, South Korea | jhkim@e8-korea.com + sjlee3149@e8-korea.com + kufjang@e8-korea.com | Free-surface flows, Multiphase flows, Fluid-structure interactions, GPGPU |
| University of Pretoria | Academia | Daniel WILKE | Lynnwood Rd, Hatfield, Pretoria, 0002, South Africa | nico.wilke@up.ac.za | Hindered Settling, SPH Sedimentation, Porous Flow, SPH-DEM Particle Shape Effects, GPGPU |
| Abdullah Gül University | Academia | Ali Ersin DINÇER | Barbaros, Sümer Kampüsü, Erkiilet Blv., 38080 Kocasinan/Kayseri, Turkey | ersin.dincer@agu.edu.tr + abdullah.demir@agu.edu.tr | SPH-FEM coupling |
| Institute of Software, Chinese Academy | Academia | Xiaowei HE | 4 Zhongguan Village South 4 St, Haidian District, Beijing, China, 100190 | xiaowei@pku.edu.cn + 1901210344@pku.edu.cn + liuss@ios.ac.cn | Computer Graphics, Fluid Simulation |
| University of Thessaly | Academia | Antonios LIAKOPOULOS | Department of Civil Engineering, University of Thessaly, Pedion Areos, GR-38334, Volos, Greece | aliakop@uth.gr + fsofos@uth.gr + dkasiter@civ.uth.gr + efchatzoglou@uth.gr | Boundary Conditions, Free Surface Flows, Turbulent Flows, Environmental Flows |

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| RWTH Aachen University | Academia | Jan BENDER | Visual Computing Institute, RWTH Aachen University, Ahornstrasse 55, 52074 Aachen, Germany | bender@cs.rwth-aachen.de + weiler@cs.rwth-aachen.de + loeschner@cs.rwth-aachen.de + jeske@cs.rwth-aachen.de | Pressure solvers, boundary handling, turbulence, viscosity |
| UKRI Science and Technology Facilities | Government Institute | Stephen LONGSHAW | Keckwick Ln, Daresbury, Warrington WA4 4AD, United Kingdom | stephen.longshaw@stfc.ac.uk | Sloshing; HPC fundamentals (MPI/GPU etc.) |
| University of Tasmania | Academia | Ali TOLOOIYAN | Engineering Building, Churchill Avenue, University of Tasmania, Hobart, 7005, Australia | Ali.Tolooiyan@utas.edu.au + Gholamreza.Kefayati@utas.edu.au + Ashley.Dyson@utas.edu.au + Shiyin.Sha@utas.edu.au | Geotechnical engineering, debris flow, slope stability, offshore engineering |
| Dongguan University of Technology | Academia | Songdong SHAO | China, Guangdong Province, Dongguan, 大学路1号 邮政编码: 523820 | shaosd@dgut.edu.cn | Incompressible SPH; Free Surface Flow; Wave Breaking; Overtopping; Fluid-Structure Interactions. |
| Soran University | Academia | Hassan Sdiq | Kawa Street, Soran-Erbil/ Iraq Phone _00964(0)663506666 | Hassan.sdiq@soran.edu.iq | Multiphase, Parallelization Coupling different physics solvers - Multibody dynamics |
| Swansea University | Academia | Prof. Antonio J. Gil | Bay Campus, Fabian Way, Crymlyn Burrows, Skewen, Swansea SA1 8EN, United Kingdom | a.j.gil@swansea.ac.uk | Solid mechanics and multi-physics |
| University of Glasgow | Academia | Dr. Chun Hean Lee | James Watt School of Engineering, University of Glasgow, Glasgow G12 8QQ | chunhean.lee@glasgow.ac.uk | Solid Mechanics and Multi-Physics |
| Brunel University | Academia | Rade VIGNJEVIC | Brunel University, Kingston Lane, Uxbridge, Middlesex UB8 3PH, UK | v.rade@brunel.ac.uk | |
| Universidad de Costa Rica | Academia | Juan Gabriel Monge-Gapper | Universidad de Costa Rica; Facultad de Ingeniería, Ciudad de la Investigación, 11501-2060 San Pedro de Montes de Oca, San José, COSTA RICA | juan.mongegapper@ucr.ac.cr | industrial and environmental applications |
| Sun Yat-sen University | Academia | Dr. Peng-Nan Sun | No.2, Tangjiawan Daxue Road, Xiangzhou District, Zhuhai 519082, P. R. China | sunpn@mail.sysu.edu.cn | Ocean engineering; Multi-physics problems; Free-surface flows; Industrial applications |

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| Università di Salerno | Academia | Dr. Giacomo Viccione | via Giovanni Paolo II, 132, 84084 Fisciano, Salerno, Italy | gviccion@unisa.it | Maritime and naval architecture applications Maritime and naval architecture applications, Hydraulic applications, HPC, Free surface flows and moving boundaries, Viscosity and turbulence modelling |
| Leiden University, Lorentz Institute for T | Academia | Matthieu Schaller | Niels Bohrweg 2, Leiden, Zuid-Holland, 2333CA, Netherlands | schaller@strw.leidenuniv.nl | Astrophysics, High-Performance Computing, Multi-phase flows and multiple continua |
| National Centre for Coastal Research, I | Academia | Dr. Ramana Murthy | Pallikaranai, Chennai, Tamil Nadu - 600100, India | mvr@nccr.gov.in | Fluid - Structure interactions using SPH, Application of SPH for real coastal problems |
| Istituto Nazionale di Geofisica e Vulca | Research Institute | Giuseppe Bilotta | Istituto Nazionale di Geofisica e Vulcanologia Osservatorio Etneo — Sezione di Catania piazza Roma 2, 95125 Catania, ITALY | giuseppe.bilotta@ingv.it | |
| ocean university of china | Academia | jian bao | 5 Yushan Rd, Shinan District, Qingdao, Shandong, China, 266005 | baojian0319@163.com | Multi-phase flows and multiple continua, Free surface flows and moving boundaries |

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| E8IGHT KOREA | Industry | Jae Uk Jeong | Street Address: 300, 28F, Lotte World Tower, Olympic-ro, Songpa-gu, City: Seoul, Postal Code: 05551, Country: South Korea | peterjeong@e8ight.co.kr | Maritime and naval architecture applications, Hydraulic applications, Solid and Fracture Mechanics, Microfluidics, Disaster simulations, High-Performance Computing, Multi-phase flows and multiple continua, Free surface flows and moving boundaries, Viscosity and turbulence modelling, Biomedical and bioengineering applications |
| University of Bristol | Academia | Simon Zeng | 1, Cathedral Square, Trinity St, College Green, Bristol BS1 5DD, United Kingdom | cz15306@bristol.ac.uk | Biomedical and bioengineering applications |
| Université de Normandie Rouen | Academia | Nicolas Lecoq | 76130 Mont-Saint-Aignan, France | nicolas.lecoq@univ-rouen.fr | Microfluidics, Free surface flows and moving boundaries, Coastal morphodynamics |
| Indian Institute of Technology Bombay | Academia | Prabhu Ramachandran | Indian Institute of Technology Bombay, Area, Powai, Mumbai, Maharashtra 400076, India | prabhu@aero.iitb.ac.in | Solid and Fracture Mechanics, High-Performance Computing, Free surface flows and moving boundaries, Viscosity and turbulence modelling, Open source software |
| Seoul National University | Academia | Hee Sang Yoo | 57, Nambusunhwan-ro 190-gil, Gwanak-gu, Seoul, Republic of Korea Street Address Line 2: 301 City: Seoul County: South Korea Postal Code: 08779 Country: South Korea | yhs0365@gmail.com | Microfluidics, Multi-phase flows and multiple continua, Viscosity and turbulence modelling |

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| Korea Maritime and Ocean University | Academia | Noverdo Saputra | 727 Taejong-ro, Yeongdo-gu, Busan, South Korea | edo88@g.kmou.ac.kr | Maritime and naval architecture applications Solid and Fracture Mechanics |
| Northwestern Polytechnical University | Academia | Fei Xu | Street Address: 127 West Youyi Road, Beilin District City: Xi'an Region/State/County: Shaanxi Postal Code: 710072 Country: China | xufei@nwpu.edu.cn | Solid and Fracture Mechanics, High-Performance Computing, Multi-phase flows and multiple continua, Free surface flows and moving boundaries |
| Binus University | Academia | Muhammad Hafiz Aslami | Jl. Kyai H. Syahdan No.9, Kemanggisian, Kec. Palmerah, Kota Jakarta Barat, Daerah Khusus Ibukota Jakarta 11480, Indonesia | muhammad.aslami@binus.edu | Hydraulic applications, Disaster simulations High-Performance Computing, Free surface flows and moving boundaries, Shallow Water Equations, Dam Operation, Coastal Protection |