

Call for Papers

Hydrodynamics Sessions at ISOPE-2020 Shanghai

Focus sessions, an invited session, and a special honoring symposium on hydrodynamics are being organized. ISOPE International Hydrodynamics Committee (IHC) **invites you to submit abstracts to the ISOPE-2020 Shanghai Conference**. Participation in IHC sessions will make your research achievements more influential and will foster new ideas to tackle the challenges we face today.

Sessions	Contacts and organizers
Keynote speakers	Prof. Pierre Ferrant, ECN, France, https://www.isopec.org/index.php/conferences-symposia-and-workshops/
Comparative study	Comparative Study on Steep Focused Waves Interactions with Fixed and Moving Cylinder, to be organized by V Sriram (IIT, Madras, India), S Yan (City Univ. London, UK), Z Xie (Cardiff Univ., UK)
Multiphase flows, cavitating flows, bubble flows, foam flows	DC Wan , H Liu , C Liu (SJTU, China); QW Ma , S Yan (City Univ. London, UK); W Wang (CSSRC, China); V Sriram (IIT, Madras, India); Y Cao (CZ Marine Tech, USA); GY Zhang (DLUT, China)
Freak waves, long waves, short crest waves, internal waves	D Angelides (Aristotle Univ. of Thessaloniki, Greece); V Sriram (IIT, Madras, India); S Yan (City Univ. London, UK); J Touboul (Univ. Sud-Toulon Var, France); HG Sung (KRISO, Korea); CO Ng (Univ. of Hong Kong)
Violent flows, breaking wave, wave- induced motion	DC Wan , H Liu (SJTU, China); N Goseberg (TU Braunschweig); M Minoura (Osaka Univ., Japan); SY Hong (KRISO, Korea); Y Lee (Lloyds Register, UK); YH Kim (Seoul National Univ., Korea)
Hydroelasticity, fluid-structure interactions	SY Hong (KRISO, Korea); V Sriram (IIT, Madras, India); A Baeten (Univ. of Appl. Sci., Germany); MH Kim , HY Kang (Texas A&M Univ., USA); M Minoura (Osaka Univ., Japan); Y Lee (Lloyds Reg, UK); L Qian (Manchester Metro Univ, UK), Y Kim (SNU, Korea); W Wang (CSSRC, China)
VIV, FIV, and VIM	S Etienne (Ecole Polytechnique de Montreal, Canada); Jin S Chung (ISOPE); S Hirabayashi , R Goncalves (Univ of Tokyo, Japan); DC Wan , WW Zhao (Shanghai Jiao Tong Univ., China)
Floating structure dynamics	DC Wan (SJTU, China); Y Cao (CZ Marine Tech, USA); MH Kim (Texas A&M Univ., USA); B Teng (DUT, China); T Mathai (NREL, USA); G He (Harbin Inst. Tech., China); H Hashimoto (Kobe Univ, Japan); M Zhao (W. Sydney U, Australia); HY Kang (Texas A&M Univ., USA)
CFD, SPH, MPS	S Yan (City Univ. London, UK); A Khayyer (Kyoto Univ, Japan); DC Wan (SJTU, China); V Sriram (IIT, Madras, India); W Wang (CSSRC, China); MB Liu (Beijing Univ., China)
Next generation CFD technology for comprehensive marine hydrodynamics	K Tanizawa , T Kuroda (National Maritime Research Inst, Japan); M La Rocca (Univ. of Roma, Italy); QW Ma (City Univ. London, UK); DC Wan , L Zou , C Liu , J Wang , W Zhao (SJTU, China); HC Chen (Texas A&M Univ., USA); J Zang (Bath Univ., UK); TQ Li (Wuhan Univ. of Tech., China); L Qian (Manchester Metropolitan Univ., UK); A Khayyer (Kyoto Univ.)
AI, Machine and deep learning for marine hydrodynamics	Y Kim (SNU, Korea); DC Wan , C Liu , J Wang , W Zhao (SJTU, China); C Hu (Kyushu Univ., Japan); A Khayyer (Kyoto Univ.); GY Zhang (DLUT, China)
Metocean, aqua farming, offshore renewable energy, pollutions	M Kashiwagi (Osaka Univ., Japan); HC Chen (Texas A&M Univ., USA); ED Gedikli (NTNU, Norway); Y Kim (SNU, Korea); DC Wan , J Wang (SJTU, China); C Stefanakos (SINTEF Ocean); H Kawai (Port & airport research Inst. Japan); GY Zhang (DLUT, China)
Floating city/bridge/tunnel/farm	Special sessions for hydro-elasticity on large floating structures, MH Kim , HY Kang (Texas A&M Univ., USA); A Khayyer (Kyoto Univ., Japan); DC Wan (SJTU, China); C Ye (CSSRC, China)
Advanced ship tech, green ship, smart ship	Y Kim (SNU, Korea); SH Van (KRISO, Korea); Y Lee (Lloyds Reg., UK); M Kashiwagi (Osaka Univ.); DC Wan (SJTU, China); HY Kang (Texas A&M Univ., USA); J Chen (Taiwan Ocean Univ, China)
Honoring Symposium	To remark on Profs. Yingzhong Liu and Yousheng He's contributions to Hydrodynamics, organized by DC Wan , H Liu , B Long , C Liu , J Wang , W Zhao (SJTU, China); TQ Li (Wuhan Univ. of Tech., China); C Yang (George Mason Univ., USA); C Hu (Kyushu Univ., Japan)

Key Deadlines

Abstract: 20 October 2019
 Manuscript for Review: 15 January 2020
 Final Manuscript: 24 March 2020



Please email abstracts to the relevant organizers by clicking their names in the above table or submit online at

<http://www.isopec.org/index.php/online-submission/>

with 'IHC' being in the box for 'invited by'. Other information about ISOPE-2020 will be posted on <http://www.isopec.org>.

All papers accepted upon peer-review and satisfactory revision will be published in ISOPE conference proceedings: Indexed by Thomson ISTEP-Web of Science, Scopus, Engineering Index (EI). High-quality papers may be selected for further review for publication on The International Journal of Offshore and Polar Engineering, indexed by Science Citation Index-E, Web of Science.

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