

University  
of Dundee

# International PhD Summer School in Ocean Engineering

14-21 July, 2019  
Harbin, China

# Participants



Dharanikota Akhila

**Home Country:** India

**University:** Indian Institute of Technology Madras, India

**Department:** Ocean Engineering

**PhD Topic:** Hydroelasticity of offshore floating wind turbine

**Advisor:** Dr. Suresh Rajendran



Shabnam Bahramiasl

**Home Country:** Iran

**University:** Sharif University of Technology, Iran and Ecole Polytechnique, France

**Department:** Mechanical Engineering

**PhD Topic:** Interaction of fluid and cylinders and mooring lines in the VIV system

**Advisor:** Dr. Seif



Qunbin Chen

**Home Country:** China

**University:** Dalian University of Technology, China

**Department:** School of Hydraulic Engineering

**PhD Topic:** Numerical simulations of violent breaking waves and its slamming on structure

**Advisor:** Prof. Guohai DONG and Prof. Yuxiang MA



## Yongbo Chen

**Home Country:** China

**University:** Harbin Engineering University, China

**Department:** College of Shipbuilding Engineering

**PhD Topic:** Hydroelasticity of VLFS

**Advisor:** Prof. Masoud Hayatdavoodi



## Anna Feichtner

**Home Country:** Austria

**University:** University of Exeter, UK

**Department:** Renewable Energy Group

**PhD Topic:** Stability and load prediction of aero-hydro-elastic coupled FOW systems

**Advisor:** Prof. Lars Johanning, Prof. Gavin Tabor



## Sijo George

**Home Country:** India

**University:** Ecole centrale de Nantes, France

**Department:** Hydrodynamics, Energy and Atmospheric Environment

**PhD Topic:** Direct numerical simulation of transition induced vibration over flexible marine propellers

**Advisor:** Dr. Antoine Ducoin



## Apostolos Grammatikopoulos

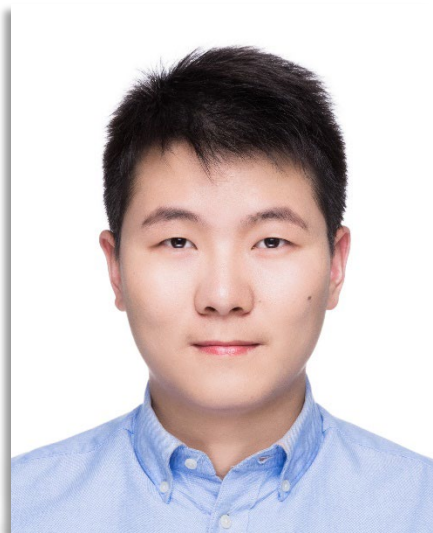
**Home Country:** Greece

**University:** University of Southampton, UK

**Department:** Fluid-structure Interactions

**PhD Topic:** Experimental hydroelasticity of ships

**Advisor:** Prof. Pandeli Temarel



## Shijie Huang

**Home Country:** China

**University:** University of Hawaii at Manoa, USA

**Department:** Ocean and Resource Engineering

**PhD Topic:** CFD, WEC, Three-phase (water, air and sediment) flow

**Advisor:** Prof. Zhenhua Huang



## Kuo Huang

**Home Country:** China

**University:** Harbin Engineering University, China

**Department:** College of Shipbuilding Engineering

**PhD Topic:** Numerical simulation of deep-water pipe laying and regarding operations

**Advisor:** Prof. Duanfeng Han



## Balaje Kalyanaraman

**Home Country:** India

**University:** University of Newcastle, Australia

**Department:** Mathematics

**PhD Topic:** Mathematical models for ice shelf vibrations

**Advisor:** Prof. Mike Meylan



## Arun Kumar

**Home Country:** India

**University:** University of Dundee, UK

**Department:** Civil Engineering

**PhD Topic:** Computations & experiments on floating offshore structures with multiple wind turbines

**Advisor:** Dr. Masoud Hayatdavoodi



## Artjoms Kuznecovs

**Home Country:** Latvia

**University:** Chalmers University of Technology, Sweden

**Department:** Department of Mechanics and Maritime Sciences

**PhD Topic:** Ultimate strength analysis of ship structures

**Advisor:** Dr. Jonas Ringsberg



## Jiandong Li

**Home Country:** China

**University:** Harbin Engineering University, China

**Department:** College of Shipbuilding Engineering

**PhD Topic:** GN-BEM coupling method for floating bodies

**Advisor:** Prof. Wenyang Duan



## Shuijin Li

**Home Country:** China

**University:** University of Dundee, UK

**Department:** School of Science and Engineering A

**PhD Topic:** A study on response of floating offshore wind turbines to waves, wind and current

**Advisor:** Dr. Masoud Hayatdavoodi



## Jinsong Liu

**Home Country:** China

**University:** University of Texas at Austin, USA

**Department:** Department of Civil, Architectural and Environmental Engineering

**PhD Topic:** Toward quantifying uncertainties in the performance and design of floating offshore wind turbines

**Advisor:** Dr. Lance Manuel



## Christos Marangos

**Home Country:** Cyprus

**University:** University of Bristol, UK

**Department:** School of Mathematics

**PhD Topic:** Wave interaction with metamaterials

**Advisor:** Dr. Richard Porter



## Maël Moreau

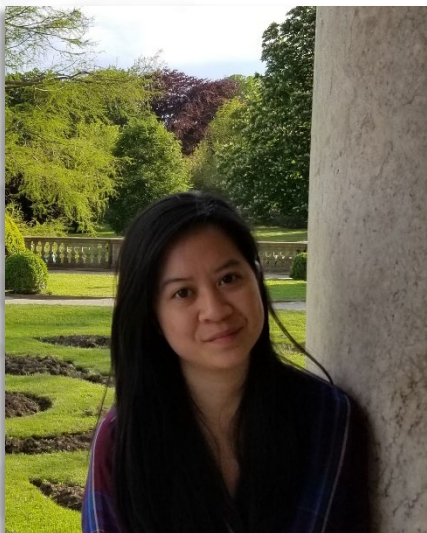
**Home Country:** France

**University:** Norwegian University of Science and Technology, Norway

**Department:** Marine Technology

**PhD Topic:** Hydrodynamic study of a cylindrical floating dock through numerical and experimental investigations

**Advisor:** Prof. Trygve Kristiansen



## Nhu Nguyen

**Home Country:** Vietnam

**University:** University of Massachusetts, USA

**Department:** Mechanical Engineering

**PhD Topic:** Theoretical and numerical modelling of offshore structures

**Advisor:** Prof. Krish Thiagarajan Sharman



## Jun Pu

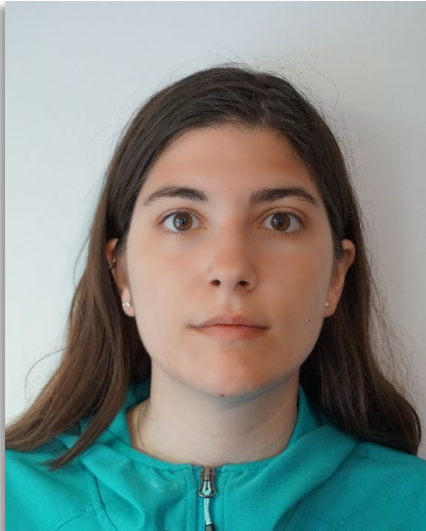
**Home Country:** China

**University:** Shanghai University Shanghai, China

**Department:** Institute of Applied Mathematics and Mechanics

**PhD Topic:** Hydroelastic interaction of waves with VLFS

**Advisor:** Prof. Dong-Qiang Lu



## Irene Rivera Arreba

**Home Country:** Spain

**University:** Norwegian University of Science and Technology, Norway

**Department:** Marine Technology

**PhD Topic:** Advanced wave and wind load models for floating wind turbine mooring system design

**Advisor:** Dr. Erin Bachynski



## Satish Samayam

**Home Country:** India

**University:** Indian Institute of Technology Madras, India

**Department:** Ocean Engineering

**PhD Topic:** Investigation of steady streaming induced by an oscillating sphere at high Reynolds number

**Advisor:** Dr. S.A. Sannasiraj and Dr. Richard Manasseh





## Tianning Tang

**Home Country:** China

**University:** University of Oxford, UK

**Department:** Department of Engineering Science

**PhD Topic:** Extreme ocean waves

**Advisor:** Prof. Thomas A. A. Adcock



## Marco Vergassola

**Home Country:** Italy

**University:** Delft University of Technology, Netherlands

**Department:** Offshore Engineering

**PhD Topic:** Dynamic response of full lattice support structures for next-generation offshore wind turbines

**Advisor:** Dr. Pim van der Male



## Rongquan Wang

**Home Country:** China

**University:** Dalian University of Technology, China

**Department:** State Key Laboratory of Coastal and Offshore Engineering

**PhD Topic:** Hydrodynamic investigation of a land-based OWC wave energy converter

**Advisor:** Prof. Dezhi Ning



## Zhan Wang

**Home Country:** China

**University:** Harbin Engineering University, China

**Department:** College of Shipbuilding Engineering

**PhD Topic:** Green-Naghdi model on solitary waves

**Advisor:** Prof. Wenyang Duan



## Kun Zheng

**Home Country:** China

**University:** Harbin Engineering University, China

**Department:** College of Shipbuilding Engineering

**PhD Topic:** Fluid mechanics

**Advisor:** Prof. Wenyang Duan



## Lingdong Zeng

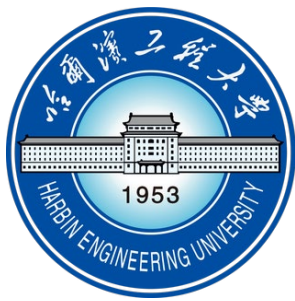
**Home Country:** China

**University:** Harbin Engineering University, China

**Department:** College of Shipbuilding Engineering

**PhD Topic:** Ice-breaking with hydro-elastic waves

**Advisor:** Prof. XUE Yanzhuo and Prof. NI Baoyu



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