



第三届全国华人水动力学学术会议

The Third Conference of Global Chinese Scholars on Hydrodynamics

主办单位

Organizers

《水动力学研究与进展》编委会

Editorial Board of the Journal of Hydrodynamics

中国造船工程学会

Chinese Society of Naval Architects and Marine Engineers

华北电力大学

North China Electric Power University

承办单位

Local Organizers

水动力学全国重点实验室

State Key Laboratory of Hydrodynamics

华北电力大学能源动力与机械工程学院

School of Energy, Power and Mechanical Engineering, North China Electric Power University

协办单位

Co-organizer

中国力学学会流体力学专业委员会水动力学专业组

Hydrodynamics Professional Group of the Fluid Mechanics Committee of the Chinese Society of Theoretical and Applied Mechanics

2026年10月16日至19日

October 16-19, 2026

中国·北京

Beijing, China

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会议概况

Conference Overview

《水动力学研究与进展》创刊于1986年，凝聚了老一辈专家学者推动我国水动力学研究事业发展的决心；三年后，英文刊《Journal of Hydrodynamics》问世。两刊由相关单位与学界同仁以联合体形式共同创办，逐步成为水动力学界共有的学术家园。全球华人水动力学学术会议的发端，与这一凝聚学界、促进交流的办刊历程相伴。

Founded in 1986, the Chinese-language journal grew out of the efforts of senior scholars to advance hydrodynamics research in China. Its English-language counterpart, Journal of Hydrodynamics, was launched three years later. Established through the collective efforts of institutions and scholars, the two journals became a shared academic home for the hydrodynamics community. The origins of the Conference of Global Chinese Scholars on Hydrodynamics are closely connected with this tradition of bringing researchers together.

2006年，适逢《水动力学研究与进展》创刊二十周年，首届全球华人水动力学学术会议于7月11日至14日在上海市科学会堂举行。来自11个国家和地区的105位专家学者汇聚上海，围绕水动力学理论、数值计算、实验研究与工程应用交流成果。除大会报告外，两个分会场共交流了79篇论文，展现了相关领域的多样研究方向。

The inaugural conference was held at Shanghai Science Hall from July 11 to 14, 2006, coinciding with the twentieth anniversary of the journal's founding. It brought together 105 scholars from 11 countries and regions to discuss hydrodynamic theory, numerical computation, experimental research, and engineering applications. In addition to the plenary presentations, 79 papers were presented in two parallel sessions, reflecting the breadth of research in the field.

首届会议开幕式上，时任编委会主任吴有生院士指出，会议是海内外华人科学家“展示该领域最新成果的舞台”。这次相聚，使分布于不同国家和地区、从事不同方向研究的学者得以面对面交流，也为后续的学术联系与合作奠定了基础。老一辈学者的开拓与青年研究者的成长相互衔接，体现了水动力学事业的薪火相传。

At the opening of the first conference, Wu Yousheng, then chair of the editorial board, described the meeting as a stage for Chinese scholars worldwide to present their latest findings. It enabled researchers in different countries and specialties to meet face to face and helped lay the groundwork for further academic connections and collaboration. The contributions of senior scholars and the emergence of younger researchers reflected a continuing commitment to the field across generations.

十年后，第二届会议于2016年11月11日至14日在无锡中国船舶科学研究中心举行，并成为《水动力学研究与进展》创刊三十周年系列学术活动的一部分。约240位代表来自12个国家和地区的近70所高校与科研机构。会议安排了8场大会邀请报告、20场分会场主题报告和101场小组报告。与首届相比，参会规模进一步扩大，学术交流的范围也更加广泛。

A decade later, the second conference took place at the China Ship Scientific Research Center in Wuxi from November 11 to 14, 2016, as part of the academic events marking the journal's thirtieth anniversary. Approximately 240 delegates from nearly 70 universities and research institutions in 12 countries and regions attended. The program included eight invited plenary presentations, 20 parallel-session keynote presentations, and 101 group presentations. Participation had grown since the first meeting, and the scope of academic exchange had broadened.

从上海到无锡，前两届会议以报告与讨论连接海内外同行，既呈现了不同阶段的研究成果，也逐步

形成了跨機構、跨地區交流的傳統。會議始終關注水動力學的基本問題、研究方法與實際應用，同時為不同領域的學者相互啟發、尋求合作提供了機會。

From Shanghai to Wuxi, the first two meetings connected colleagues in China and abroad through presentations and discussion. They brought research from different stages into view and established a tradition of exchange across institutions and regions. Fundamental questions, research methods, and practical applications remained central, while the meetings also created opportunities for researchers in different areas to learn from one another and explore collaboration.

2026年，適逢《水動力學研究與進展》創刊四十周年，第三屆全球華人水動力學學術會議（CCSH2026）將於10月16日至19日在北京龍城溫德姆酒店舉行。從2006年上海首屆會議到2026年北京第三屆會議，會議已走過二十年。四十年的辦刊積累與二十年的會議傳承在此交汇；舉辦地與研究議題不斷變化，促進海內外華人水動力學工作者交流合作的初衷始終未變。

In 2026, as the journal marks its fortieth anniversary, the Third Conference of Global Chinese Scholars on Hydrodynamics (CCSH2026) will be held from October 16 to 19 at Wyndham Beijing North in Beijing, China. Twenty years will have passed since the first conference in Shanghai. Four decades of journal publishing and two decades of conference exchange meet at this occasion. Venues and research topics have changed, but the purpose of connecting Chinese hydrodynamics researchers worldwide remains.

本屆會議承接前兩屆積累的學術聯繫，面向海內外高校、科研機構及工程領域的水動力學研究人員，設置大會報告和七個分會場。大會報告為與會代表提供共同交流重要研究進展的機會；分會場則圍繞具體方向開展專題討論，使不同研究方法與應用領域的成果得到充分交流。

Building on the academic ties formed at the first two meetings, CCSH2026 welcomes hydrodynamics researchers from universities, research institutions, and engineering organizations in China and abroad. The program comprises plenary presentations and seven parallel sessions. The plenary program provides a shared setting for discussing significant advances, while the parallel sessions support focused exchange on particular research topics, methods, and applications.

分會場議題涵蓋船舶與海洋工程水動力學、理論與計算流體力學、計算流體力學應用、水力發電與河流動力學、海洋與大氣動力學、基礎水動力學，以及傳熱傳質、環境、能源和工業流體力學等方向。期待與會學者通過深入研討，交流新的研究成果，探討值得繼續關注的科學與工程問題，並為今后的合作開辟更多可能。

The parallel sessions address ship and ocean engineering hydrodynamics; theoretical and computational fluid mechanics; applications of computational fluid dynamics; hydropower and river dynamics; ocean and atmospheric dynamics; fundamental hydrodynamics; and topics in heat and mass transfer, environmental, energy, and industrial fluid mechanics. Through discussion, participants are invited to share new findings, examine scientific and engineering questions that merit further study, and develop possibilities for future collaboration.

本屆會議由《水動力學研究與進展》編委會、中國造船工程學會和華北電力大學主辦，由水動力學全國重點實驗室、華北電力大學能源動力與機械工程學院承辦。本手冊汇集會議日程以及報到、會場、交通、用餐和住宿等信息，供與會代表在會議期間查閱；各場報告的時間與地點詳見日程部分。

CCSH2026 is organized by the Editorial Board of the Journal of Hydrodynamics, the Chinese Society of Naval Architects and Marine Engineers, and North China Electric Power University. The State Key Laboratory of Hydrodynamics and the School of Energy, Power and Mechanical Engineering at North China Electric Power University serve as local organizers. This handbook brings together the conference program and practical information on registration, venues, transportation, dining, and accommodation. Presentation times and venues are listed in the program.

参会指南与报到

Participation Guide and Registration

- ◆ **会议名称：** 第三届全球华人水动力学学术会议（CCSH2026）
Conference: The Third Conference of Global Chinese Scholars on Hydrodynamics (CCSH2026)
- ◆ **会议时间：** 2026 年 10 月 16 日至 19 日
Dates: October 16-19, 2026
- ◆ **会议地点：** 北京龙城温德姆酒店
Venue: Wyndham Beijing North
- ◆ **地址：** 北京市昌平区昌平路 317 号
Address: No. 317 Changping Road, Changping District, Beijing, China
- ◆ **报到时间：** 2026 年 10 月 16 日 10:00-20:00
Registration date and time: October 16, 2026, 10:00-20:00
- ◆ **报到地点：** 酒店大堂
Registration location: Hotel lobby
- ◆ **主会场：** 北京厅
Main venue: Beijing Hall
- ◆ **分会场：** 北京 A 厅、北京 B 厅、北京 C 厅、南京厅、上海厅、昆桂厅和重庆厅（编委会）
Parallel session rooms: Beijing A Hall, Beijing B Hall, Beijing C Hall, Nanjing Hall, Shanghai Hall, Kungui Hall, and Chongqing Hall (Editorial Committee)
- ◆ **会务联系人：** 冯政杨，华北电力大学
Conference Secretariat: Feng Zhengyang, North China Electric Power University
电话：155 3556 8905
Telephone: +86 155 3556 8905
邮箱：fengzhengyncepu@163.com
Email: fengzhengyncepu@163.com

◆ 温馨提示 ◆

Helpful Reminders

请在会议开始前 15 分钟进入会场。

Please arrive at the meeting room 15 minutes before the session begins.

请将手机调为静音或振动模式，保持良好会场秩序。

Please keep mobile phones on silent or vibration mode and maintain a quiet meeting environment.

请妥善保管个人物品，贵重物品请随身携带。

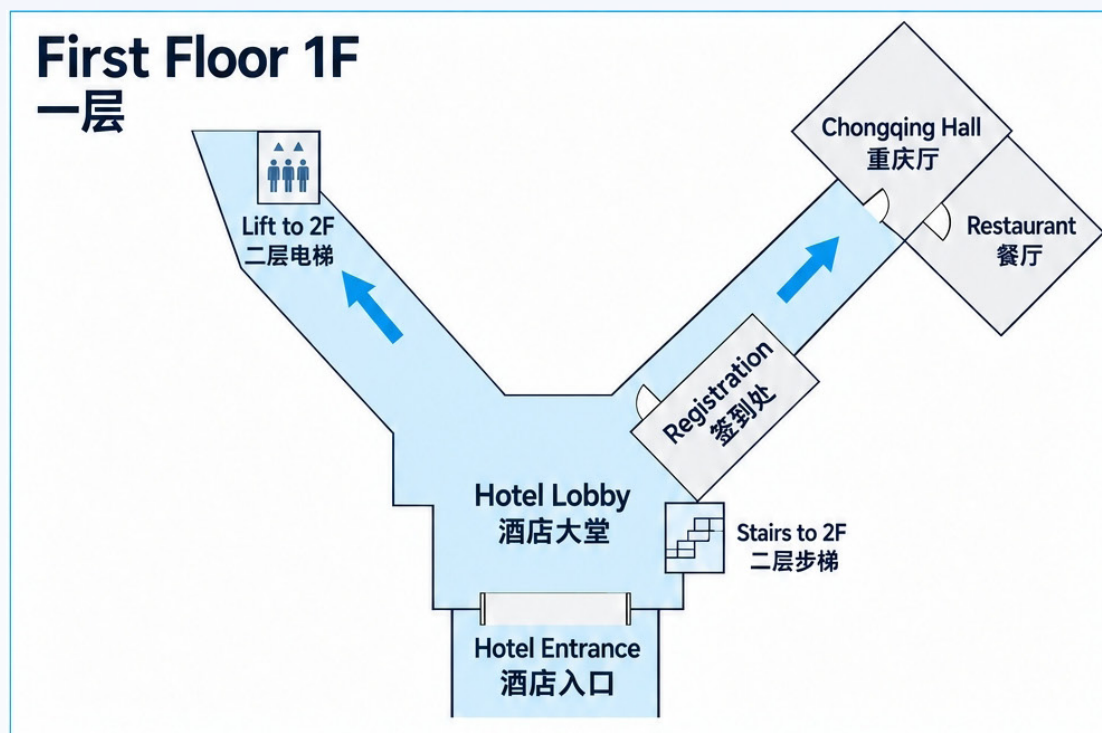
Please keep personal belongings safe and carry valuables with you.

请关注会务组通知；如需帮助，请联系会务组。

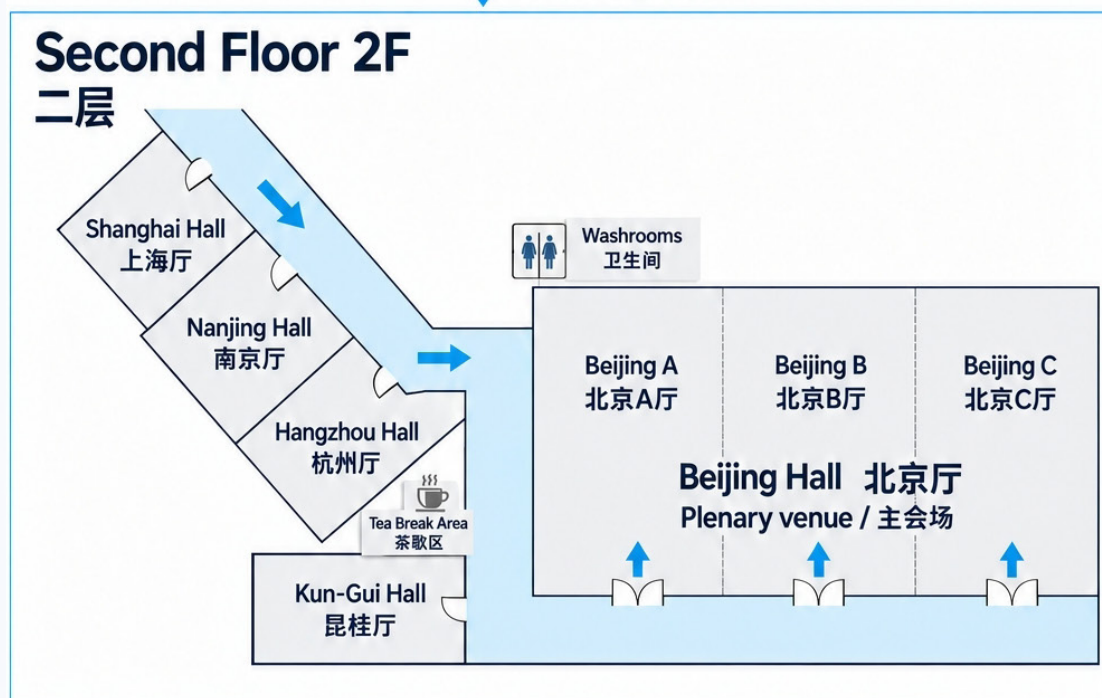
Please follow conference updates and contact the secretariat if you need assistance.

会场指引

Conference Venue Guide



↓ To 2F / 前往二层



Schematic only, not to scale / 导览示意，非等比例

交通指引

Transportation



会议酒店为北京龙城温德姆酒店，地址：北京市昌平区昌平路 317 号。建议参会代表从机场或火车站乘坐出租车、网约车直达，导航目的地为“北京龙城温德姆酒店”。

The conference venue is Wyndham Beijing North, 317 Changping Road, Changping District, Beijing. Delegates are encouraged to take a taxi or ride-hailing service directly to the hotel. Please enter “Wyndham Beijing North” as the destination.

北京首都国际机场 / Beijing Capital International Airport (PEK)

距酒店约 36 公里；Approximately 36 km to the hotel;

出租车约 45–60 分钟；45–60 minutes by taxi;

公共交通约 90–110 分钟。90–110 minutes by public transport.

北京大兴国际机场 / Beijing Daxing International Airport (PKX)

距酒店约 75–80 公里；Approximately 75–80 km to the hotel;

出租车约 80–100 分钟；80–100 minutes by taxi;

公共交通约 110–130 分钟。110–130 minutes by public transport.

北京站 / Beijing Railway Station

距酒店約 29 公里; Approximately 29 km to the hotel;
出租車約 50–70 分鐘; 50–70 minutes by taxi;
公共交通約 70–90 分鐘。 70–90 minutes by public transport.

北京西站 / Beijing West Railway Station

距酒店約 28 公里; Approximately 28 km to the hotel;
出租車約 50–70 分鐘; 50–70 minutes by taxi;
公共交通約 75–95 分鐘。 75–95 minutes by public transport.

北京南站 / Beijing South Railway Station

距酒店約 34 公里; Approximately 34 km to the hotel;
出租車約 50–70 分鐘; 50–70 minutes by taxi;
公共交通約 80–100 分鐘。 80–100 minutes by public transport.

北京清河站 / Qinghe Railway Station

距酒店約 7 公里; Approximately 7 km to the hotel;
出租車約 10–20 分鐘; 10–20 minutes by taxi; 2
公共交通約 25–40 分鐘。 5–40 minutes by public transport.

乘坐公共交通的代表可乘地鐵至**昌平線生命科學園站**，出站後步行約 15–20 分鐘到達酒店。以上車程包含通常的換乘、步行時間，不包含機場取行李時間；道路里程及車程僅供行程安排參考，請以出發時的實時導航為準，並為高峰時段適當預留時間。

Delegates using public transport may take the subway to Life Science Park Station on the Changping Line, followed by an approximately 15–20-minute walk to the hotel. Public-transport estimates include typical transfers and walking but exclude airport baggage-claim time. Distances and travel times are for planning only; please check live navigation before departure and allow extra time during peak hours.

用餐及住宿

Dining and Accommodation

日期 Date	时间 Time	安排 Arrangement	地点 Location
10月16日 October 16	18:00-21:00	自助晚餐 Buffet dinner	棕榈庭院咖啡厅 Palm Terrace
10月17日 October 17	12:00-14:00	自助午餐 Buffet lunch	棕榈庭院咖啡厅 Palm Terrace
10月17日 October 17	18:00-20:00	自助晚餐 Buffet dinner	棕榈庭院咖啡厅 Palm Terrace
10月18日 October 18	12:00-14:00	自助午餐 Buffet lunch	棕榈庭院咖啡厅 Palm Terrace
10月18日 October 18	18:00-20:00	自助晚餐 Buffet dinner	棕榈庭院咖啡厅 Palm Terrace

早餐：入住北京龙城温德姆酒店客房的专家，可于 06:00–10:00 凭房卡前往酒店一层棕榈庭院咖啡厅用餐。未在酒店住宿的专家如需早餐，请自行前往餐厅按酒店协议价结算（80 元 / 位），会务组不承担此项费用。

Breakfast: Experts staying in guest rooms at Beijing Longcheng Wyndham Hotel can use their room card to dine at the Palm Courtyard Café on the first floor of the hotel from 06:00 to 10:00. Experts not staying at the hotel who wish to have breakfast should go to the restaurant and pay according to the hotel's agreed price (80 RMB per person); the conference organizing team will not cover this cost.

用餐提示：10月18日主会场报告于13:30开始，请拟参加报告的代表合理安排午餐时间。

Dining reminder: The plenary lectures on October 18 begin at 13:30. Participants attending them are kindly asked to plan their lunch accordingly.

住宿安排：会务组已根据预订名单为有关专家预留客房。请您抵店后告知前台参加“CCSH2026”会议，并报姓名办理入住。房费请按酒店前台指引由入住人自行结算。

Accommodation: Rooms have been reserved for experts on the conference accommodation list. Upon arrival, please inform the front desk that you are attending CCSH2026 and provide your name for check-in. Guests are kindly requested to settle their room charges directly with the hotel.

住宿预订：如未列入会务组预留名单，敬请自行联系酒店预订，并说明参加“CCSH2026”会议。
Room reservations: Participants not on the conference accommodation list are kindly asked to contact the hotel directly and mention CCSH2026.

住宿联系：于经理，电话 +86 182 0156 0413，邮箱 kimi.yu@wyndhambeijingnorth.com。温德姆酒店 14:00 后入住、12:00 前退房。

Contact: Manager Yu, +86 182 0156 0413, kimi.yu@wyndhambeijingnorth.com. Wyndham check-in: after 14:00; check-out: by 12:00.

总日程

General Schedule

时间 Time	安排 Activity	地点 Venue
2026 年 10 月 16 日（星期五） Friday, October 16, 2026		
10:00-20:00	注册报到 Registration	酒店大堂 Hotel Lobby
19:30-21:00	编委会会议 Editorial Board Meeting	重庆厅 Chongqing Hall
18:00-21:00	自助晚餐 Buffet Dinner	棕榈庭院咖啡厅 Palm Terrace
2026 年 10 月 17 日（星期六） Saturday, October 17, 2026		
08:30-12:10	开幕式、大会报告、合影与茶歇 Opening Ceremony, Plenary Lectures, Group Photo and Tea Break	北京厅 Beijing Halls
12:10-13:30	自助午餐 Buffet Lunch	棕榈庭院咖啡厅 Palm Terrace
13:30-18:10	分会场 1 — 船舶、近海、海岸与海洋工程水动力学（一） Session 1 — Ship, Offshore, Coastal, and Ocean Engineering Hydrodynamics I	北京厅 -A Beijing A Halls
13:30-18:10	分会场 2 — 理论与计算流体力学 Session 2 — Theoretical and Computational Fluid Mechanics	北京厅 -B Beijing B Halls
13:30-18:10	分会场 3 — 船舶、近海、海岸与海洋工程水动力学（二） Session 3 — Ship, Offshore, Coastal, and Ocean Engineering Hydrodynamics II	北京厅 -C Beijing C Halls
13:30-18:10	分会场 4 — 水力发电与河流动力学 Session 4 — Hydropower and River Dynamics	南京厅 Nanjing Halls
13:30-18:10	分会场 5 — 海洋与大气动力学及基础水动力学研究 Session 5 — Ocean and Atmospheric Dynamics and Fundamental Hydrodynamics Research	上海厅 Shanghai Halls
13:30-18:10	分会场 6 — 传热传质、环境、能源与工业流体力学 Session 6 — Heat and Mass Transfer, Environmental, Energy, and Industrial Fluid Mechanics	昆桂厅 Kungui Halls
18:10-20:00	自助晚餐 Buffet Dinner	棕榈庭院咖啡厅 Palm Terrace

Kungui; keynotes, 35 min; regular reports, 25 min.

主会场日程

Plenary Session Schedule

主会场日程 / Plenary Session Schedule	
2026 年 10 月 17 日（星期六）·北京厅 / Saturday, October 17, 2026 · Beijing Hall	
时间 Time	报告或活动 Presentation or Activity
开幕式 Opening Ceremony 主持人 / Chair: 张宇宁 (Yuning Zhang)	
8:30–9:00	1. 主办单位领导致辞 Remarks by Leader of the Organizer 2.JHD 高被引论文奖颁奖 Award Ceremony for JHD Highly-Cited Paper Award 3.JHD 优秀编委奖颁奖 Award Ceremony for JHD Outstanding Editorial Board Member Award
大会报告 Plenary Lectures 主持人 / Chair: 刘宇陆 (Yulu Liu)	
9:00–9:40	Hydrodynamics in Offshore and Naval Applications – Part II Ship Seakeeping with Forward Speed and Computations of Added Resistance 报告人 / Speaker: Xiaobo Chen 单位 / Affiliation: Bureau Veritas
9:40–10:20	Prediction of Ship Human-Ship motion-Environment under High Sea States and Semi-Physical Simulation 报告人 / Speaker: Shuxia Bu 单位 / Affiliation: China Ship Scientific Research Center
10:20–10:50	合影留念及茶歇 Group Photo&Tea Break
大会报告 Plenary Lectures 主持人 / Chair: 槐文信 (Wenxin Huai)	
10:50–11:30	AI-driven Active Flow Control for Hydrodynamic Cloaking 报告人 / Speaker: Hui Tang 单位 / Affiliation: The Hong Kong Polytechnic University
11:30–12:10	Particle-Based Modelling of Flow-Like Landslides 报告人 / Speaker: Dongfang Liang 单位 / Affiliation: University of Cambridge
12:10–13:30	自助午餐 / Buffet Lunch — 棕榈庭院咖啡厅 / Palm Terrace

主会场日程 / Plenary Session Schedule	
2026 年 10 月 18 日（星期日）·北京厅 / Sunday, October 18, 2026 · Beijing Hall	
时间 Time	报告或活动 Presentation or Activity
12:10–13:30	自助午餐 / Buffet Lunch — 棕榈庭院咖啡厅 / Palm Terrace
大会报告 Plenary Lectures 主持人 / Chair: 马玉祥 (Yuxiang Ma)	
13:30–14:10	Hybrid Reynolds-Averaged Navier–Stokes/Large Eddy Simulation for Turbulent Flows Around an Underwater Vehicle Mode 报告人 / Speaker: Shizhao Wang 单位 / Affiliation: Institute of Mechanics, Chinese Academy of Sciences
14:10–14:50	Innovative Storage Technologies in Hydropower in Europe 报告人 / Speaker: Alexandre Presas Batlló 单位 / Affiliation: Universitat Politècnica de Catalunya
14:50–15:10	茶歇 Tea Break
大会报告 Plenary Lectures 主持人 / Chair: 王文涛 (Wentao Wang)	
15:10–15:50	Three Decades of Modern Computational Hydraulics: From Godunov Schemes to Real-Time Flood Intelligence 报告人 / Speaker: Qiuhua Liang 单位 / Affiliation: Loughborough University
15:50–16:30	Scaling Law of Collapsing Cavitation Bubble 报告人 / Speaker: Yuning Zhang 单位 / Affiliation: North China Electric Power University
闭幕式 Closing Ceremony 主持人 / Chair: 卢东强 (Dongqiang Lu)	
16:30–17:00	1. 学生优秀论文颁奖 Award Ceremony for Outstanding Student Papers 2. 优秀图展奖颁奖 Award Ceremony for Outstanding Works in the Image Exhibition 3. 下届学术会议东道主 致欢迎辞 Welcome Remarks by the Host of the next conference 4. 编委会领导 致闭幕辞 Closing Remarks by the Editorial Board Leader
18:00–20:00	自助晚餐 / Buffet Dinner — 棕榈庭院咖啡厅 / Palm Terrace

分会场日程

Parallel Session Schedule

分会场 1 — 船舶、近海、海岸与海洋工程水动力学 (一) Session 1 — Ship, Offshore, Coastal, and Ocean Engineering Hydrodynamics I	
2026 年 10 月 17 日 (星期六) / Saturday, October 17, 2026 · 北京厅 -A / Beijing A Hall 主持人 / Chair: 万德成 (Decheng Wan)	
时间 Time	报告或活动 Presentation or Activity
13:30–14:05	主题报告 / Keynote Report Recent Progress of Floating Structure Dynamics in Waves 报告人 / Speaker: Xingya Feng 单位 / Affiliation: Southern University of Science and Technology
14:05–14:30	Experimental Study on Vortex-Induced Vibration and Modal Characteristics of a Blunt-Trailing-Edge NACA0009 Hydrofoil Under Non-Cavitating Conditions 报告人 / Speaker: Zhengkai Hao 单位 / Affiliation: China Agricultural University
14:30–14:55	The Hydrodynamic Penalty of Marine Biofouling: Deciphering the Interplay Between Hull and Propeller Colonization and the Vessel Speed–Power Performance 报告人 / Speaker: Shukui Liu 单位 / Affiliation: Nanyang Technological University
14:55–15:20	On the Stability of Surface Ventilated Interface and Its Influence on Cavity Closure in Cross Flow 报告人 / Speaker: Zhenmin He 单位 / Affiliation: China Ship Scientific Research Center
15:20–15:40	茶歇 / Break
15:40–16:05	Coupled Dynamic Response Analysis of the JSD6000 Pipe-Laying Ship and Pipeline Based on the Time-Domain Hybrid Method 报告人 / Speaker: Tao Yu 单位 / Affiliation: Shanghai Jiao Tong University
16:05–16:30	Performance and Wake Evolution of a Horizontal-Axis Tidal Turbine Array at Different Positions over Seabed Topography 报告人 / Speaker: Liwen Zhang 单位 / Affiliation: Zhejiang University
16:30–16:55	Nonlinear Hydroelastic Effects on Structural Dynamic Responses of a Large Container Ship in Frequency Domain 报告人 / Speaker: Lu Ye 单位 / Affiliation: China Ship Scientific Research Center
16:55–17:20	Effects of Water Holes on the Hydrodynamics and Separation of an Underwater Vehicle at High Angles of Attack 报告人 / Speaker: Zenghui Zhu 单位 / Affiliation: Institute of Mechanics, Chinese Academy of Sciences
17:20–17:45	Numerical Investigation of Single Particle Motion Characteristics in Dual-Jet Hydraulic Collection 报告人 / Speaker: Yanqing Dong 单位 / Affiliation: Dalian University of Technology
17:45–18:10	Hydrodynamic Responses and Load Transfer of Offshore Floating Photovoltaic Arrays Under the Influence of Sea Conditions 报告人 / Speaker: Zihan Ouyang 单位 / Affiliation: Zhejiang University

分会场 1 — 船舶、近海、海岸与海洋工程水动力学 (一) Session 1 — Ship, Offshore, Coastal, and Ocean Engineering Hydrodynamics I	
2026 年 10 月 18 日 (星期日) / Sunday, October 18, 2026 · 北京厅 -A / Beijing A Hall 主持人 / Chair: 朱红钧 (Hongjun Zhu)	
时间 Time	报告或活动 Presentation or Activity
08:30–08:55	A Physics-Informed Force Branch Multiple Input Operator Network for Very Short-Term Ship Motion Forecasting in Waves 报告人 / Speaker: Yilin Wang 单位 / Affiliation: Shanghai Jiao Tong University
08:55–09:20	Study on Load Reduction Devices for Mooring Systems of Large Semi-Submersible photovoltaic Platforms 报告人 / Speaker: Tao Zhang 单位 / Affiliation: Shanghai Jiao Tong University
09:20–09:45	Variational Quantum Linear Solver for Boundary Element Problems in Ship Hydrodynamics 报告人 / Speaker: Yongle Chen 单位 / Affiliation: Hefei University of Technology
09:45–10:10	Wind–Wave Directional Differences Derived from Ship Reports in the North Atlantic Shipping Corridor 报告人 / Speaker: Shijie Yao 单位 / Affiliation: Harbin Engineering University
10:10–10:30	茶歇 / Break
10:30–10:55	Study on Prediction of Extreme Wave Loads on Truncated Vertical Cylinders Based on Grey Relational Analysis 报告人 / Speaker: Yuping Fan 单位 / Affiliation: CCCC First Harbor Consultants Co., Ltd.
10:55–11:20	Dynamic Response of a Submerged Floating Tunnel Under Coupled Wave–Current–Vehicle Actions 报告人 / Speaker: Hongjun Zhu 单位 / Affiliation: Southwest Petroleum University
11:20–11:45	Water Wave Bandgap and Attenuation Characteristics of Submerged Rigid Horizontal Plate Metastructures 报告人 / Speaker: Pengyang Xu 单位 / Affiliation: Hunan University
11:45–12:10	A Modified Time-Reversal Wave Generation Method for Reproducing High-Order Rogue Waves in Laboratory 报告人 / Speaker: Fukang Ge 单位 / Affiliation: Jimei University

分会场 2 — 理论与计算流体力学 Session 2 — Theoretical and Computational Fluid Mechanics	
2026 年 10 月 17 日 (星期六) / Saturday, October 17, 2026 · 北京厅 -B / Beijing B Hall 主持人 / Chair: 唐辉 (Hui Tang)	
时间 Time	报告或活动 Presentation or Activity
13:30–14:05	主题报告 / Keynote Report Water Wave Interaction with Thin-Plate Array Metastructures: A Theoretical Study 报告人 / Speaker: Siming Zheng 单位 / Affiliation: Zhejiang University
14:05–14:30	Numerical Study on Flying Fish During Self-propelled Free-surface Taxiing 报告人 / Speaker: Xinyang Chen 单位 / Affiliation: Shanghai Jiao Tong University
14:30–14:55	Bandgap and Wave-Attenuation Characteristics of Oscillating Water Column Water-Wave Metastructures 报告人 / Speaker: Song Liu 单位 / Affiliation: Hunan University
14:55–15:20	Numerical Study on Hydrodynamic Characteristics of KCS Ship in Oblique Towing Test Under Regular Waves 报告人 / Speaker: Wei Zhang 单位 / Affiliation: Harbin Institute of Technology (Weihai)
15:20–15:40	茶歇 / Break
15:40–16:05	Hydrodynamic Performance of Hydrofoil with Symmetrical sculling Motion NEAR Free Surface 报告人 / Speaker: Feiyang Han 单位 / Affiliation: Shandong University
16:05–16:30	A Hybrid Physics-Based and Data-Driven Numerical Framework for Ship Maneuvering Simulation in Irregular Waves 报告人 / Speaker: Donglin Liu 单位 / Affiliation: Huazhong University of Science and Technology
16:30–16:55	Study on Ship Maneuvering in Regular and Irregular Waves Based on A Novel Hybrid Numerical Framework of Potential and Viscous Flows 报告人 / Speaker: Meng Meng 单位 / Affiliation: Huazhong University of Science and Technology
16:55–17:20	Effects of Structural Flexibility on the Aeroelastic Response and Wake Dynamics of an IEA 15MW Wind Turbine 报告人 / Speaker: Min Li 单位 / Affiliation: Shanghai Jiao Tong University
17:20–17:45	From Propulsion to Suction: Thrust Reversal of Propellers at Intermediate Reynolds Numbers 报告人 / Speaker: Yang Ding 单位 / Affiliation: Beijing University of Posts and Telecommunications
17:45–18:10	Fully Coupled Aero-Hydro-Mooring-Structural Simulation and Fatigue Life Prediction of Floating Offshore Wind Turbine Blades under Wind-Wave Excitation 报告人 / Speaker: Gong Chen 单位 / Affiliation: Sun Yat-sen University

分会场 2 — 理论与计算流体力学 Session 2 — Theoretical and Computational Fluid Mechanics	
2026 年 10 月 18 日 (星期日) / Sunday, October 18, 2026 · 北京厅 -B / Beijing B Hall 主持人 / Chair: 任峰 (Feng Ren)	
时间 Time	报告或活动 Presentation or Activity
08:30–08:55	Automatic Optimization Design of Duct Appendages for Propeller Efficiency Improvement and Cavitation Suppression 报告人 / Speaker: Shuai Yuan 单位 / Affiliation: Marine Design and Research Institute of China
08:55–09:20	Numerical Investigation of Brash Ice Shape Effects on Near-Surface Submarine in a Channel 报告人 / Speaker: Yongzhi Guo 单位 / Affiliation: Shanghai Jiao Tong University
09:20–09:45	SAR Image Generation Based on Simulation of Submarine Wakes in Density-Stratified Fluids under Irregular Wave Conditions 报告人 / Speaker: Ning Wang 单位 / Affiliation: Shanghai Jiao Tong University
09:45–10:10	Study on the Influence of Composite Ply Structure on the Hydrodynamic Characteristics of Ducted Propeller 报告人 / Speaker: Yingbo Xu 单位 / Affiliation: China Ship Scientific Research Center
10:10–10:30	茶歇 / Break
10:30–10:55	Device Level and Area Normalized Wave Energy Capture of a Parabolic Reflector Assisted Leeward Inlet Oscillating Water Column Device 报告人 / Speaker: Chen Peng 单位 / Affiliation: Dalian University of Technology
10:55–11:20	Numerical Study on Hydrodynamic and Motion Responses of an Auv During Hoisting and Deployment Under Wave Action 报告人 / Speaker: Zichun Zhou 单位 / Affiliation: Harbin Engineering University
11:20–11:45	High-Efficiency Forecasting of Nearshore Wave Fields Using CNN-Based Flow Field Reconstruction 报告人 / Speaker: Ziyang Liu 单位 / Affiliation: Ningbo University
11:45–12:10	A New Analytical Solution for the Frictional Dam-Break Flow with Varying Power-Law Wave-Front Profiles 报告人 / Speaker: Shudong Zhang 单位 / Affiliation: Zhejiang University

分会场3 — 船舶、近海、海岸与海洋工程水动力学 (二) Session 3 — Ship, Offshore, Coastal, and Ocean Engineering Hydrodynamics II	
2026 年 10 月 17 日 (星期六) / Saturday, October 17, 2026 · 北京厅 -C / Beijing C Hall 主持人 / Chair: 陈小波 (Xiaobo Chen)	
时间 Time	报告或活动 Presentation or Activity
13:30–14:05	主题报告 / Keynote Report Subsea Hydrodynamics: Interaction Between Closely Spaced Structures 报告人 / Speaker: Feifei Tong 单位 / Affiliation: Adelaide University
14:05–14:30	Prediction Of KVLCC2 Maneuvering Motion Using A Maneuvering-Force-Enhanced Grey-box Model 报告人 / Speaker: Pengcheng Yang 单位 / Affiliation: Shanghai Jiao Tong University
14:30–14:55	Comparison of the Top- and Bottom-Disconnected Mooring Lines on the Dynamic Response of a Floating Offshore Wind Turbine 报告人 / Speaker: Mingren Zhao 单位 / Affiliation: Power China Chengdu Engineering Corporation Limited
14:55–15:20	Hydrodynamic Investigation on an Integration System of Parabolic Wave Energy Concentrator and OWC Under Irregular Waves 报告人 / Speaker: Maokun Ge 单位 / Affiliation: Dalian University of Technology
15:20–15:40	茶歇 / Break
15:40–16:05	Study on the Front of Waves in Finite Waterdepth 报告人 / Speaker: Ruipeng Li 单位 / Affiliation: Westlake University
16:05–16:30	Closed-Form Far-Field Scattering Directivity of Finite-Height Cylindrical Clusters of Spherical Bubbles 报告人 / Speaker: Wencheng Yu 单位 / Affiliation: China Jiliang University
16:30–16:55	Numerical Simulation of Sediment Plumes Generated by the Motion of a Deep-Sea Mining Vehicle 报告人 / Speaker: Jiahao Zou 单位 / Affiliation: Zhejiang University
16:55–17:20	Numerical Simulation Method for Hydrodynamic Load of Ducted Propeller and Analysis on the Effect of Stator Blades Count 报告人 / Speaker: Kang Liu 单位 / Affiliation: China Ship Scientific Research Center
17:20–17:45	Experimental Investigation of Wake Characteristics Behind Polyethylene Terephthalate Net Panels in Steady Current 报告人 / Speaker: Zhi Wang 单位 / Affiliation: Ocean University of China
17:45–18:10	Dynamic Response and Mooring Characteristics of A 5MW TLP FOWT in Wind-Wave-Current Misaligned Conditions 报告人 / Speaker: Decheng Wan 单位 / Affiliation: Shanghai Jiao Tong University

分会场 3 — 船舶、近海、海岸与海洋工程水动力学 (二) Session 3 — Ship, Offshore, Coastal, and Ocean Engineering Hydrodynamics II	
2026 年 10 月 18 日 (星期日) / Sunday, October 18, 2026 · 北京厅 -C / Beijing C Hall 主持人 / Chair: 梁秋华 (Qiuhua Liang)	
时间 Time	报告或活动 Presentation or Activity
08:30–08:55	Fast Prediction of Unsteady Separated Flow Around a Hydrofoil With a Fourier Neural Operator 报告人 / Speaker: Yuchen Yang 单位 / Affiliation: Ningbo University
08:55–09:20	Research Calculation Method Of Wave Load On Shallow Water Fixed Platform 报告人 / Speaker: Jia Xu 单位 / Affiliation: China Ship Scientific Research Center
09:20–09:45	Data-Assimilation-Based Nonlinear Phase-Resolved Wave and Ship-Motion Prediction Using EnKF–PFL–OpenWALAS 报 告 人 / Speaker: Zeng Liu 单 位 / Affiliation: Huazhong University of Science and Technology
09:45–10:10	Numerical Investigation on the Effect of Column Shape on Hydrodynamic Performance of Offshore Platforms 报告人 / Speaker: Hui Fu 单位 / Affiliation: Ludong University
10:10–10:30	茶歇 / Break
10:30–10:55	Dynamic Response of a Hinged Modular Pontoon Bridge Following Compartment Flooded in Wave Conditions 报告人 / Speaker: Yao Chen 单位 / Affiliation: Army Engineering University of PLA
10:55–11:20	Manipulation of Water-Wave Scattering by a Vertically Layered Plate Array Metacylinder 报告人 / Speaker: Luheng Shao 单位 / Affiliation: Dalian Maritime University
11:20–11:45	Sparse-to-Dense Pressure Field Reconstruction for Submerged Vehicles: A Deep Ensemble Framework with Uncertainty Quantification 报告人 / Speaker: Yijing Hu 单位 / Affiliation: Beijing Institute of Technology
11:45–12:10	Notes on the Numerical Calculation of Two-Dimensional Gravity Waves in Water of Arbitrary Depth 报告人 / Speaker: Zhe Gao 单位 / Affiliation: Zhejiang Ocean University

分会场 4 — 水力发电与河流动力学 Session 4 — Hydropower and River Dynamics	
2026 年 10 月 17 日（星期六） / Saturday, October 17, 2026 · 南京厅 / Nanjing Hall 主持人 / Chair: 卜淑霞 (Shuxia Bu)	
时间 Time	报告或活动 Presentation or Activity
13:30–14:05	主题报告 / Keynote Report State-variable Storage Limit Theory in Hydrodynamics 报告人 / Speaker: Yulong Zhu 单位 / Affiliation: University of Emergency Management
14:05–14:30	A Lagrangian Analysis of Unsteady Flow Separation Over a Hydrofoil at a High Incidence 报告人 / Speaker: Zhiyao Ma 单位 / Affiliation: Shanghai Jiao Tong University
14:30–14:55	Investigation of the Flow Characteristics and Noise Sources in a Hydrofoil Cavitating Flow 报告人 / Speaker: Likun Ding 单位 / Affiliation: Hohai University
14:55–15:20	Numerical Investigation of Cavitation Erosion Based on a Multiscale Coupling Approach 报告人 / Speaker: Han Wang 单位 / Affiliation: University of Shanghai for Science and Technology
15:20–15:40	茶歇 / Break
15:40–16:05	Studies of Marine Propeller Three-Dimensional Rotating Boundary Layer in Model and Full Scale by RANS Method 报告人 / Speaker: Wei Jin 单位 / Affiliation: Everllence
16:05–16:30	Mathematical Construction and Physical Interpretation of the Generalized Lighthill Equation for Multiphase Cavitating Flows 报告人 / Speaker: Zhaohui Qian 单位 / Affiliation: Tsinghua University
16:30–16:55	A Viscous–Potential Flow Model for Laminar Flow Over Stationary and Oscillating Circular Cylinder 报告人 / Speaker: Lingxuan Ni 单位 / Affiliation: Dalian University of Technology
16:55–17:20	A Periodic Fundamental Solution Method for Wave Velocity-Field Reconstruction toward Viscous–Potential Flow Coupling 报告人 / Speaker: Kaiyuan Shi 单位 / Affiliation: Shanghai Jiao Tong University
17:20–17:45	Numerical Simulation Research on Water-Sediment Deposition of Bank Slope Vegetation with Spur Dikes in a 180° Bend 报告人 / Speaker: Shiyan Wang 单位 / Affiliation: North Minzu University
17:45–18:10	Numerical Simulation of Flow in an Open Curved Channel with Vegetation and Spur Dikes Using Adaptive Mesh Refinement Coupled with Lattice Boltzmann Method 报告人 / Speaker: Yongmei Zhang 单位 / Affiliation: North Minzu University

分会场 4 — 水力发电与河流动力学 Session 4 — Hydropower and River Dynamics	
2026 年 10 月 18 日（星期日） / Sunday, October 18, 2026 · 南京厅 / Nanjing Hall 主持人 / Chair: 朱兵（Bing Zhu）	
时间 Time	报告或活动 Presentation or Activity
08:30–08:55	Hydrodynamic Mechanisms of Dolphin Mother–Calf Formation Swimming 报告人 / Speaker: Chengxin Li 单位 / Affiliation: Shanghai Jiao Tong University
08:55–09:20	Numerical Analysis of Interaction Between Water on Deck and Parametric Rolling in Head-Sea Regular Waves 报告人 / Speaker: Chen Yang 单位 / Affiliation: China Ship Scientific Research Center
09:20–09:45	A PyTorch-Based Differentiable Immersed Boundary Simulation Framework for Two-Dimensional Carangiform Fish Swimming 报告人 / Speaker: Chenglin Li 单位 / Affiliation: Shanghai Jiao Tong University
09:45–10:10	Data Assimilation of Empirical Wall Pressure Spectral Model for an Axisymmetric Body of Revolution 报告人 / Speaker: Wenbin Zhang 单位 / Affiliation: Shanghai Jiao Tong University
10:10–10:30	茶歇 / Break
10:30–10:55	Hydrodynamic Interactions and Stable Formations of Two 2-DOF Self-Propelled Flexible Fins 报告人 / Speaker: Tianpei Liu 单位 / Affiliation: Xi'an Jiao Tong University
10:55–11:20	Cavitation Identification in Shock Wave and Water Droplet Interaction Problems 报告人 / Speaker: Lingquan Li 单位 / Affiliation: Shanghai University
11:20–11:45	Hydro-Morphodynamic Responses to Typical Instream Vegetation Succession: A Flume Experiment Study 报告人 / Speaker: Qingqi Kong 单位 / Affiliation: Beijing Forestry University
11:45–12:10	Effect of Incoming Sediment Concentration on the Sediment-Laden Flow Characteristics in Yellow River Diversion Pipelines at Low-Velocity 报告人 / Speaker: Jiale Pan 单位 / Affiliation: China Agricultural University

分会场 5 — 海洋与大气动力学及基础水动力学研究 Session 5 — Ocean and Atmospheric Dynamics and Fundamental Hydrodynamics Research	
2026 年 10 月 17 日（星期六） / Saturday, October 17, 2026 · 上海厅 / Shanghai Hall 主持人 / Chair: 冯兴亚 (Xingya Feng)	
时间 Time	报告或活动 Presentation or Activity
13:30–14:05	主题报告 / Keynote Report Research on Green Ore Collection Methods for Deep-Sea Rare Earth Sediments 报告人 / Speaker: Xingsen Guo 单位 / Affiliation: Ocean University of China
14:05–14:30	Hydrodynamic Interference and Mooring Safety of a Side-by-Side Mooring System with a Small Gap 报告人 / Speaker: Junjie Zhu 单位 / Affiliation: China Ship Scientific Research Center
14:30–14:55	Propagation and Evolution Characteristics of Internal Solitary Waves Under the Influence of typical slope-shelf topography 报告人 / Speaker: Zhuoyue Li 单位 / Affiliation: Northwestern Polytechnical University
14:55–15:20	Study on the Correlation Between Infragravity Waves and Short Wave Based on Field Observations 报告人 / Speaker: Xiang Gao 单位 / Affiliation: Power China Chengdu Engineering Corporation Limited
15:20–15:40	茶歇 / Break
15:40–16:05	Quantitative Response Characteristics of Erosion and Deposition Variations at Different Locations of the Yangtze River Estuary during Typhoon Lekima 报告人 / Speaker: Jie Wang 单位 / Affiliation: Key Laboratory of Coastal Engineering Hydrodynamics, Tianjin Port Engineering Institute Co., Ltd. of CCCC First Harbor Engineering Co., Ltd.
16:05–16:30	Hydro-Sedimentary Dynamics and Its Fast Prediction in Mudflats 报告人 / Speaker: Zhiyang Sun 单位 / Affiliation: Zhejiang University
16:30–16:55	Dynamics of Spark-Generated Cavitation Bubbles in High-Temperature Liquids 报告人 / Speaker: Shaocong Pei 单位 / Affiliation: Harbin Engineering University
16:55–17:20	Bubble Dynamics Near a Free Surface and an Inclined Wall with Confined Spaces 报告人 / Speaker: Xiaofei Li 单位 / Affiliation: North China Electric Power University
17:20–17:45	Cavitation-Bubble Induced Cavity Formation Near an Initially-Perturbed Free Surface 报告人 / Speaker: Jingyu Gu 单位 / Affiliation: Harbin Engineering University
17:45–18:10	Hydroacoustic Waves Due to an Oscillating Source Submerged in an Inviscid Fluid Covered by a Thin Ice Sheet 报告人 / Speaker: Dongqiang Lu 单位 / Affiliation: Shanghai University

分会场 6 — 传热传质、环境、能源与工业流体力学 Session 6 — Heat and Mass Transfer, Environmental, Energy, and Industrial Fluid Mechanics	
2026 年 10 月 17 日（星期六） / Saturday, October 17, 2026 · 昆桂厅 / Kungui Hall 主持人 / Chair: 郑智颖（Zhiying Zheng）	
时间 Time	报告或活动 Presentation or Activity
13:30–14:05	主题报告 / Keynote Report Numerical Investigation of Lower-Reservoir Vortex Formation during Hydraulic Short-Circuit Operation in a Pumped-Storage Hydropower Plant 报告人 / Speaker: Weiqiang Zhao 单位 / Affiliation: Universitat Politècnica de Catalunya
14:05–14:30	Quantitative Mechanism Research on Energy Harvesting of Bionic Caudal Fins Based on Nonlinear Wave-Current Coupling 报告人 / Speaker: Zekun Wang 单位 / Affiliation: Shanghai University
14:30–14:55	Effect of Impeller Passage Blockage on Efficiency Loss and Force Variations in High-Speed Miniature Cooling Pumps 报告人 / Speaker: Xinyu Wu 单位 / Affiliation: Yangzhou University
14:55–15:20	An Integrated OUS Framework for Sediment Regulation Assessment in Cascade Sluice-Dam Systems 报告人 / Speaker: Jinglong Song 单位 / Affiliation: Taiyuan University of Technology
15:20–15:40	茶歇 / Break
15:40–16:05	Study on the Effect of Multi-stage Cascade Hydraulic Lifting Dams on the Spatial Distribution of Bed Sediment Grain Sizes 报告人 / Speaker: Zhanhao Zhang 单位 / Affiliation: Taiyuan University of Technology
16:05–16:30	Study of Cavitation in Different Fluid Media Using a Venturi Tube Experimental Platform 报告人 / Speaker: Yu Cao 单位 / Affiliation: Yangzhou University
16:30–16:55	Mechanics of Micro- and Nano-scale Transport in Complex Fluids 报告人 / Speaker: Chundong Xue 单位 / Affiliation: Dalian University of Technology
16:55–17:20	Intelligent Flow Control via High-fidelity Simulation and Towing Tank Experiments 报告人 / Speaker: Feng Ren 单位 / Affiliation: Northwestern Polytechnical University
17:20–17:45	Surface Velocity Mapping of Dense Granular Flow Over Structured Basal Topography Using 4D Photogrammetry 报告人 / Speaker: Feiyang Bao 单位 / Affiliation: University of Cambridge
17:45–18:10	Experimental Study of Unsteady Cavitation and Surface Erosion on a Twisted Hydrofoil 报告人 / Speaker: Caicai Xu 单位 / Affiliation: Wuhan University

分会场 7 — 计算流体力学应用 (一) Session 7 — Computational Fluid Dynamics Applications	
2026 年 10 月 18 日 (星期日) / Sunday, October 18, 2026 · 上海厅 / Shanghai Hall 主持人 / Chair: 梁东方 (Dongfang Liang)	
时间 Time	报告或活动 Presentation or Activity
08:30–09:05	主题报告 / Keynote Report Transport and Fate of Microplastics in Environmental Flows 报告人 / Speaker: Shuolin Li 单位 / Affiliation: Wuhan University
09:05–09:30	Physics-Constrained Sparse-Data Calibration of MMG Models Through Cross-Draught Parameter Transfer: A KVLCC2 Case Study 报告人 / Speaker: Peng Chao 单位 / Affiliation: China Ship Scientific Research Center
09:30–09:55	Physics-Informed LSTM Reconstruction of State-Dependent Hydrodynamic Coefficients for Coupled AUV Maneuvering 报告人 / Speaker: Hang Xu 单位 / Affiliation: Westlake University
09:55–10:20	Application of Adaptive Mesh Refinement Method for Simulating Complex Free-Surface Flows 报告人 / Speaker: Shuai Yuan 单位 / Affiliation: Marine Design and Research Institute of China
10:20–10:40	茶歇 / Break
10:40–11:05	Application of Neural Network Models to Wake Vortex Reconstruction in Live Zebrafish Maneuvering 报告人 / Speaker: Zining Liu 单位 / Affiliation: University of Chinese Academy of Sciences
11:05–11:30	Shock Wave Superposition from Asymmetric Toroidal Bubbles: A New Perspective on Cavitation Erosion Mechanisms 报告人 / Speaker: Zhesheng Zhao 单位 / Affiliation: Harbin Engineering University
11:30–11:55	Numerical Study on Wake of Bubble Pairs Rising Side-by-Side 报告人 / Speaker: Xinwei Ye 单位 / Affiliation: PowerChina Chengdu Engineering Corporation Limited

分会场 7 — 计算流体力学应用 (二) Session 7 — Computational Fluid Dynamics Applications	
2026 年 10 月 18 日 (星期日) / Sunday, October 18, 2026 · 昆桂厅 / Kungui Hall 主持人 / Chair: 张伟 (Wei Zhang)	
时间 Time	报告或活动 Presentation or Activity
08:30–08:55	A New TEBEM-(1,1) Formulation and Its Computational Accuracy 报告人 / Speaker: Qili Xu 单位 / Affiliation: Harbin Engineering University
08:55–09:20	The Numerical and Experimental Verification of a Blade Reconstruction Method for Floating Vertical-Axis Wind Turbine 报告人 / Speaker: Qun Cao 单位 / Affiliation: China Ship Scientific Research Center
09:20–09:45	Particle-to-Grid Reconstruction and Vortical-Structure Diagnostics for SPH-Simulated Breaking Waves 报告人 / Speaker: Kun Zhang 单位 / Affiliation: Shanghai Jiao Tong University
09:45–10:10	A Modified ZGB Model Considering Thermodynamic Effects 报告人 / Speaker: Jiwei Shi 单位 / Affiliation: China University of Petroleum-Beijing
10:10–10:30	茶歇 / Break
10:30–10:55	Numerical Study on the Characteristics of Cavitating Flows Around Axisymmetric Body with Different Wall Temperatures 报告人 / Speaker: Zhi Ying Zheng 单位 / Affiliation: Harbin Institute of Technology
10:55–11:20	Cavity Evolution and Thermal Drag Reduction in Heated Sphere Water Entry 报告人 / Speaker: Liu Yang 单位 / Affiliation: Hebei University of Technology

参会代表名单

List of Conference Participants

序号 No.	姓名 Name	单位 Affiliation
1	Alexandre Presas Batlló	Centre for Industrial Diagnostics and Fluid Dynamics. CDIF, Universitat Politècnica de Catalunya - BarcelonaTech (UPC)
2	Bing Zhu	University of Shanghai for Science and Technology
3	Caicai Xu	Wuhan University
4	Chaoyue Wang	China Agricultural University
5	Chen Peng	Dalian University of Technology
6	Chen Yang	China Ship Scientific Research Center
7	Chenglin Li	Shanghai Jiao Tong University
8	Chengxin Li	Shanghai Jiao Tong University
9	Chundong Xue	Dalian University of Technology
10	Chunrong He	National Key Laboratory of Hydrodynamics
11	Chunwei Bi	Ocean University of China
12	Decheng Wan	Shanghai Jiao Tong University
13	Dongfang Liang	University of Cambridge
14	Donglin Liu	Huazhong University of Science and Technology
15	Dongqiang Lu	Shanghai University
16	DX Wang	Ningbo University
17	Feifei Tong	Adelaide University
18	Feiyang Bao	University of Cambridge
19	Feiyang Han	Shandong University
20	Feng Ren	Northwestern Polytechnical University
21	Fengzhi Chen	Editorial Office of Journal of Hydrodynamics
22	Fukang Ge	Jimei University
23	Gong Chen	Sun Yat-sen University
24	Hailiang Chen	Wuhan University
25	Haipeng Guo	Ningbo University
26	Han Wang	University of Shanghai for Science and Technology
27	Hang Xu	Westlake University
28	Hongjun Zhu	Southwest Petroleum University

序号 No.	姓名 Name	单位 Affiliation
29	Hua Liu	Shanghai Jiao Tong University
30	Hui Fu	Ludong University
31	Hui Tang	The Hong Kong Polytechnic University
32	Jia Xu	China Ship Scientific Research Center
33	Jiahao Zou	Zhejiang University
34	Jiale Pan	China Agricultural University
35	Jie Wang	Key Laboratory of Coastal Engineering Hydrodynamics, Tianjin Port Engineering Institute Co., Ltd. of CCCC First Harbor Engineering Co., Ltd.
36	Jiejie Zhang	Marine Design and Research Institute of China
37	Jing Zou	Editorial Office of Journal of Hydrodynamics
38	Jinglong Song	Taiyuan University of Technology
39	Jingyu Gu	Harbin Engineering University
40	Jiwei Shi	China University of Petroleum-Beijing
41	Junjie Zhu	China Ship Scientific Research Center
42	Junwei Shen	North China Electric Power University
43	Kaiyuan Shi	Shanghai Jiao Tong University
44	Kang Liu	China Ship Scientific Research Center
45	Kun Zhang	Shanghai Jiao Tong University
46	Likun Ding	Hohai University
47	Lingquan Li	Shanghai University
48	Lingxuan Ni	Dalian University of Technology
49	Liu Yang	Hebei University of Technology
50	Liushuai Cao	Shanghai Jiao Tong University
51	Liwen Zhang	Zhejiang University
52	Lixuan Fei	Harbin Institute of Technology
53	Lu Ye	China Ship Scientific Research Center
54	Luheng Shao	Dalian Maritime University
55	Maokun Ge	Dalian University of Technology
56	Meng Meng	Huazhong University of Science and Technology
57	Min Li	Shanghai Jiao Tong University
58	Mingren Zhao	Power China Chengdu Engineering Corporation Limited
59	Ning Wang	Shanghai Jiao Tong University

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60	Peng Chao	China Ship Scientific Research Center
61	Pengcheng Yang	Shanghai Jiao Tong University
62	Pengyang Xu	Hunan University
63	Ping Wang	Beijing Forestry University
64	Qi Wang	North Minzu University
65	Qian Cheng	University of Cambridge
66	Qili Xu	Harbin Engineering University
67	Qingqi Kong	Beijing Forestry University
68	Qihua Liang	Loughborough University
69	Qun Cao	China Ship Scientific Research Center
70	Ruipeng Li	Westlake University
71	Shaocong Pei	Harbin Engineering University
72	Shijie Yao	Harbin Engineering University
73	Shiyan Wang	North Minzu University
74	Shizhao Wang	Institute of Mechanics, Chinese Academy of Sciences
75	Shuai Yuan	Marine Design and Research Institute of China
76	Shudong Zhang	Zhejiang University
77	Shukui Liu	Nanyang Technological University
78	Shuolin Li	Wuhan University
79	Shuxia Bu	China Ship Scientific Research Center
80	Shuyan Zou	Editorial Office of Journal of Hydrodynamics
81	Siming Zheng	Zhejiang University
82	Song Liu	Hunan University
83	Tao Yu	Shanghai Jiao Tong University
84	Tao Zhang	Shanghai Jiao Tong University
85	Tianpei Liu	Xi'an Jiao Tong University
86	Wang Zou	Shanghai Jiao Tong University
87	Wei Jin	Everllence
88	Wei Zhang	Shanghai Key Laboratory of Ship Engineering
89	Wei Zhang	Harbin Institute of Technology (Weihai)
90	Weiqiang Zhao	Universitat Politècnica de Catalunya
91	Wenbin Zhang	Shanghai Jiao Tong University
92	Wencheng Yu	China Jiliang University

序号 No.	姓名 Name	单位 Affiliation
93	Wentao Wang	National Key Laboratory of Hydrodynamics
94	Wenwei Wu	China Ship Scientific Research Center
95	Wenxin Huai	Wuhan University
96	Xiang Gao	Power China Chengdu Engineering Corporation Limited
97	Xiaobo Chen	Bureau Veritas
98	Xiaofei Li	North China Electric Power University
99	Xiaoyu Wang	North China Electric Power University
100	Xingsen Guo	Ocean University of China
101	Xingya Feng	Southern University of Science and Technology
102	Xinwei Ye	Power China Chengdu Engineering Corporation Limited
103	Xinyang Chen	Shanghai Jiao Tong University
104	Xinyu Wu	Yangzhou University
105	Yang Ding	Beijing University of Posts and Telecommunications
106	Yanqing Dong	Dalian University of Technology
107	Yao Chen	Army Engineering University of PLA
108	Yijin Wang	Shanghai University
109	Yijing Hu	Beijing Institute of Technology
110	Yilin Wang	Shanghai Jiao Tong University
111	Yiming Tang	Shanghai University
112	Yingbo Xu	China Ship Scientific Research Center
113	Yong Li	Harbin Institute of Technology (Weihai)
114	Yong Zhao	Dalian Maritime University
115	Yongle Chen	Hefei University of Technology
116	Yongmei Zhang	North Minzu University
117	Yongshun Zeng	North China Electric Power University
118	Yongzhi Guo	Shanghai Jiao Tong University
119	Yousheng Wu	China Ship Scientific Research Center
120	Yu Cao	Yangzhou University
121	Yuchen Yang	Ningbo University
122	Yulong Zhu	University of Emergency Management
123	Yulu Liu	Shanghai Institute of Technology
124	Yuning Zhang	North China Electric Power University
125	Yuntian Dai	Shanghai University

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128	Zekun Wang	Shanghai University
129	Zeng Liu	Huazhong University of Science and Technology
130	Zenghui Zhu	Institute of Mechanics, Chinese Academy of Sciences
131	Zhanhao Zhang	Taiyuan University of Technology
132	Zhaohui Qian	Tsinghua University
133	Zhe Gao	Zhejiang Ocean University
134	Zhengkai Hao	China Agricultural University
135	Zhenmin He	China Ship Scientific Research Center
136	Zhesheng Zhao	Harbin Engineering University
137	Zhi Wang	Ocean University of China
138	Zhigang Zhang	Shandong University
139	Zhiliang Lin	Shanghai Jiao Tong University
140	Zhiyang Sun	Zhejiang University
141	Zhiyao Ma	Shanghai Jiao Tong University
142	Zhiying Zheng	Harbin Institute of Technology
143	Zhuoyue Li	Northwestern Polytechnical University
144	Zichun Zhou	Harbin Engineering University
145	Zihan Ouyang	Zhejiang University
146	Zining Liu	University of Chinese Academy of Sciences
147	Ziyang Liu	Ningbo University

本名录按参会代表英文姓名的字母顺序编排。感谢各位代表参加本次会议。

Participants are listed alphabetically by their English names. We thank all delegates for joining the conference.

祝愿：广大水动力学工作者，在科研和学术道路上继续砥砺前行，勇攀高峰！

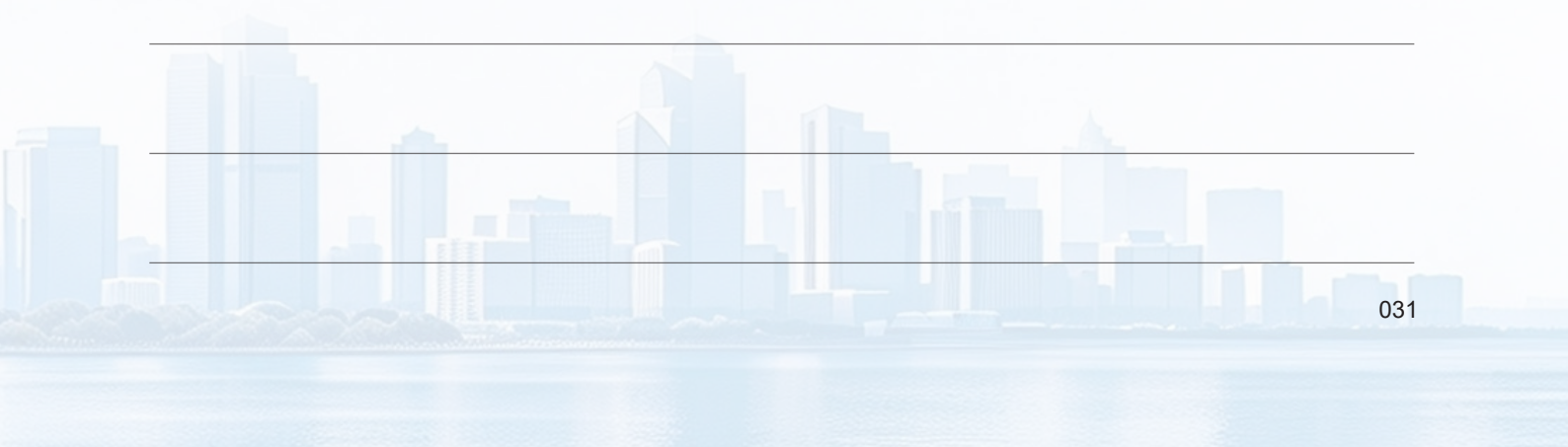
Best wishes: May all researchers in hydrodynamics continue to forge ahead on the path of scientific research and academia, bravely climbing to new heights!

Conference Notes



Conference Notes

This image shows a single page of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page. There are approximately 20 lines visible. The paper has a slight shadow on the right side, suggesting it's part of a bound notebook. The top edge of the page is slightly irregular, like a torn piece of paper.



会议笔记

Conference Notes

Conference Notes



Conference Notes

水动力学研究与进展期刊介绍

Journal of Hydrodynamics



《水动力学研究与进展》主管单位为中国船舶集团有限公司，主办单位为中国船舶科学研究中心。期刊是由一批有志于发展国家水动力学事业的学术前辈以联合形式集资集智创办。1986 年创办中文刊，属于中文核心期刊；1989 年创办英文刊，为 EI 和 SCI 双索引，2025 年影响因子 4.0，国际力学类 Q1。2012 年至 2024 年连续被评为“最具国际影响力学术期刊”（Top 5%）。2014 年至 2017 年获上海市新闻出版专项扶持资金，2019 年被选入中国科技期刊卓越行动计划（梯队期刊）。

编委会由国内外百余所高校和科研单位的水动力学精英、专家学者组成，人数已超 300。设立执行编委会，约 90 人，其中国内与国际学者各占半数，包括国内外十余名院士。主编由中国工程院院士、中国船舶科学研究中心名誉所长吴有生研究员担任。

组织各类学术交流的会议，促进学科发展。每年举办一届全国水动力学研讨会，会议已经成为本学科国内最具影响力的学术会议；发起创办国际水动力学会议，每 2 年在世界各地轮流举办，成为国际上有影响力的国际会议；发起创办全球华人水动力学学术会议，该系列会议成为全球华人学术交流盛会；发起创办海峡两岸水动力学研讨会，会议每两年轮流在大陆和台湾举办，为海峡两岸的水动力学学者的学术交流起到了积极作用。同时与联合体单位共同主办各类与水动力学相关的国际学术会议。

设立和颁发各类水动力学奖项，促进人才培养。设立周培源水动力学奖，每三年颁发一次，旨在表彰获奖人在水动力学科发展中做出了贡献；设立并每年颁发水动力学高被引论文奖，旨在表彰获奖人在水动力学科研成果推广及影响力上做出的成绩；设立并每年颁发水动力学学生优秀论文奖，旨在鼓励水动力学学科的研究生在科学探索和科研交流方面做出的努力。

搭建热点研究平台，引领学科发展方向。根据学科和国家重大科研发展趋势，确定若干学科热点方向，组织相关的专家对此开展研究；建立相应的热点交流微信群、组织热点交流沙龙，举办相关的报告会和

研讨会等。

努力提高《水动力学研究与进展》与《Journal of Hydrodynamics》的学术水平和国际影响力，借助期刊、会议以及奖项等学术活动努力打造水动力学成果推广、学术交流及人才培养的平台，为我国水动力学发展贡献力量。

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中国造船工程学会介绍

Chinese Society of Naval Architects and Marine Engineers



中国造船工程学会（以下简称造船学会）成立于1943年，是依法登记的全国船舶与海洋工程科技工作者自愿组成的公益性、学术性法人社会团体，是发展我国船舶与海洋工程科技事业的重要社会力量，是中国最早成立的学术团体之一。

造船学会的宗旨是：团结、组织船舶与海洋工程科技工作者，积极开展学术交流、科学普及、咨询服务、继续教育、编辑出版和国际民间交流活动，促进船舶与海洋工程学科发展，提高船舶与海洋工程产业科技水平，为国民经济和国防建设服务。

造船学会的组织原则是民主集中制，最高权力机构是全国会员代表大会。执行机构是理事会，理事会理事是按照会员的专业和地区分布，经推荐，由全国会员代表大会民主选举产生，任期5年。理事长、副理事长、秘书长和常务理事组成常务理事会由理事会选举产生，在理事会休会期间，负责行使理事会职责。常务理事会聘任若干名副秘书长协助秘书长处理日常工作。

造船学会的办事机构是秘书处，分支机构包括：船舶力学学术委员会、船舶设计学术委员会、船舶轮机学术委员会、船舶仪器仪表学术委员会、电子技术学术委员会、造船工艺学委会、船舶材料学术委员会、计算机应用学术委员会、水中兵器学术委员会、管理科学学术委员会、水面兵器学术委员会、军舰学术委员会、修船技术学术委员会、海洋工程学术委员会、船史研究学术委员会、人才与教育学术委员会、游艇设计制造学术委员会、航空保障学术委员会、船舶标准化学术委员会、深海装备学术委员会、水面无人装备学术委员会、船舶防污染学术委员会、女科学家工作委员会、青年工作委员会。

学会主办的刊物有：《中国造船》、《船舶工程》、《舰船知识》、《Journal of Marine Science and Application》和《水下无人系统学报》，在国内外公开发行。同时，还编辑出版了《船舶工程词典》、《英汉船舶与近海工程词典》，以及日汉、德汉、法汉、俄汉船舶科技词典和大量学术论文集、手册、丛书、科普读物等图书。

在中国18个省（区）、市，建立有地方造船工程学会组织。造船学会与它们是业务指导关系。地方造船学会除独立组织活动外，同时也可以团体会员的身份参加造船学会举办的各项活动。

造船学会的会员分个人会员、团体会员与名誉会员。个人会员包括学生会员、普通会员、高级会员和外籍会员。会员主要来自中国船舶重工集团公司、中国船舶工业集团公司、中国海洋石油总公司、中国石油天然气集团公司、中国石油化工集团公司、中国船级社和有关高等院校等单位以及交通部、海军、农业部等系统。外籍会员主要是对中国友好，有参加中国造船工程学会意愿的外籍人士；名誉会员主要授予在船舶技术上有突出学术成就以及对学会有过重大贡献的国内外知名人士。造船学会现有个人会员近三万名，其中有十七位中国科学院和中国工程院院士。团体会员单位近八百个。近期将发展学生会员和高级会员。

造船学会参加的国际学术组织有：国际海事学会联合会（AMLS）、计算机在造船中应用国际会议组织（ICCAS）、国际轮机系统工程组织（ICMES）、国际近海工程与极区工程会议（OMAE）和国际船

模试验水池会议 (ITTC)、国际船舶结构会议 (ISSC)、国际船舶实用设计大会 (PRADS)。还与美国、英国、德国、荷兰、瑞典、俄罗斯、乌克兰、日本、新加坡和韩国等国家的造船、轮机学会建立了联系。

造船学会每年开展各类活动几十项, 主要有学术交流、科普、专题讲座、技术咨询、科技评价、课题研究、编辑出版、继续教育等, 有众多会员参加。造船学会已成为党和政府联系广大船舶与海洋工程科技工作者的桥梁与纽带, 成为中国海事界享有声誉的中介组织, 发挥着越来越重要的作用。

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华北电力大学介绍

North China Electric Power University



华北电力大学创建于1958年，是教育部直属全国重点大学。学校重点建设能源电力科学与工程学科群，电气工程学科入选第二轮国家“双一流”建设学科。学校建有12个博士后科研流动站、4个实体化建设国家级科研平台和52个省部级科研创新平台，在新能源、清洁煤电、核电等领域开展研究。学校坚持“学科立校、人才强校、科研兴校、特色发展”，着力构建以“双碳”目标为引领、新兴能源学科为重点、传统优势学科为基础的能源电力学科体系。电气工程、动力工程及工程热物理是学校传统优势学科。学校拥有较为完整的本科、硕士、博士和博士后人才培养体系，工程学等多个学科进入ESI全球前列，在能源、电力、动力、控制、新能源等领域形成了较强的学科优势和人才培养能力。

学校深入落实立德树人根本任务，形成“厚基础、重实践、强能力、求创新”的人才培养特色。建校以来，为国家能源电力行业和社会经济发展培养了大批高素质人才。学校入选国家卓越工程师学院，积极推进卓越工程师培养和产教融合，并依托电力行业优势，与能源电力企业共同开展人才培养、工程实践和科技创新。

学校坚持面向世界科技前沿、面向经济主战场、面向国家重大需求、面向人民生命健康，围绕新能源、特高压、智能电网、清洁煤电、核电等领域开展科学研究和技术攻关，建设了一批国家级和省部级科研创新平台，承担国家重点研发计划、国家自然科学基金等重大科研任务，在能源电力领域形成了较强的科技创新和成果转化能力。

学校长期坚持校企合作办学特色，依托大学理事会，与国家能源电力骨干企业建立了紧密合作关系，建设能源互联网、智慧能源、海上风电、高效清洁发电和智慧电站等一批产学研合作平台，共同开展重大技术研发和科技成果转化。同时积极开展校地、校际协同创新，服务国家能源战略和区域经济社会发展。学校持续推进国际交流与合作，与世界多所高校和科研机构开展学生交流、教师互访和科研合作，积极参与“一带一路”能源电力领域国际合作。

面向强国建设、民族复兴的伟大新时代，站在承前启后、继往开来的历史新起点，学校将始终高举中国特色社会主义伟大旗帜，坚持以习近平新时代中国特色社会主义思想为指导，全面贯彻落实党的二十大和二十届历次全会精神，深入落实学校第三次党代会战略部署，勇担教育强国、能源强国建设时代使命，以更加昂扬的姿态、更加务实的举措，奋力谱写能源电力特色世界一流大学建设的崭新篇章，为全面建设社会主义现代化国家、全面推进中华民族伟大复兴作出新的更大的华电贡献！

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Editorial Board of the Journal of Hydrodynamics

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华北电力大学

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State Key Laboratory of Hydrodynamics

华北电力大学能源动力与机械工程学院

School of Energy, Power and Mechanical Engineering, North China Electric Power University

协办单位

Co-organizer

中国力学学会流体力学专业委员会水动力学专业组

Hydrodynamics Professional Group of the Fluid Mechanics Committee of the Chinese Society of
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