**Attachment 1**

**Conference Topics & Discussion Directions**

Conference topics include but are not limited to the following:

**1. Marine Machinery and Transport**

1.1 Advanced Concepts in Maritime Machinery and Transport.

1.2 The Forefront of International Technological Development in Marine Machinery and Transport.

1.3 Engineering Application of Intelligent Technology on Marine Machinery and Transport.

1.4 System Design, Standards and Specifications for Marine Machinery and Transport.

1.5 Precision, Reliability, and Safety of Marine Machinery and Transport.

**2. Marine Ecology, Environment, and Protection**

2.1 Climate Change and Global Ocean Governance.

2.2 Marine Biodiversity and Conservation.

2.3 Prevention and Control of Marine Pollution.

2.4 Monitoring and Assessment of Marine Nuclear Pollution.

2.5 Testing and Evaluation of Marine Bearing Capacity.

2.6 Monitoring and Assessment of Marine Carbon Sources and Sinks.

**3. Marine Safety**

3.1 Formation and Evolution of Marine Disasters.

3.2 Assessment and Strategy of Marine Safety Risks Evaluation.

3.3 Prevention, Control, and Emergency Response of Marine Safety Risks.

3.4 Maritime Emergencies and Joint Search and Rescue.

3.5 Marine Security Equipment and Technology.

**4 Future Ships and Marine Equipment**

4.1 Smart Ships and Intelligent Port.

4.2 Low or Zero Carbon Ship Technology and Engineering.

4.3 Offshore Green Energy.

4.4 Ship Noise Control Technology.

4.5 Advanced Design and Manufacturing Technologies for Ships and Marine Equipments.

4.6 Advanced Materials and Corrosion Protection for Ships.

**5 Marine Engineering and Marine Information & Technology**

5.1 Equipment and Technology of Marine Resources Exploitation.

5.2 Polar Equipment and Technology.

5.3 Ocean Sensor Technology.

5.4 Marine Environment and Underwater Physical Field.

5.5 Network and Transparency of Underwater Information.

5.6 Underwater Information Intelligent Platform and System.

5.7 Integrated Marine Support Equipment and Technology.

**6 Maritime Policy and Global Governance**

6.1 International Maritime Convention and Regulations.

6.2 Regional Maritime Policies.

6.3 Patent and Intellectual Property Rights in Marine Field.

6.4 Industry Chain and Supply Chain in Shipbuilding.

6.5 Marine Industry Environment and Its Governance.