



### **Special Session #5:**

#### **Underwater Space - Potential Places for Human Activities in the Future Convener: Professor Weifeng YUAN**

Because of the deterioration of ground environment and the depletion of the land resources, the ocean that covers about 71% of the surface of the Earth and holds tremendous amount of resources has attracted much attention. Underwater aquariums, sightseeing submarines, and deep-sea space stations have been extending more and more human activities underwater. On the other hand, underwater environment is still a relatively unknown field. Therefore, Scientific discussion about underwater space is meaningful to exploring and exploiting the ocean for urban development. This session aims to bring together experts from various fields including but are not limited to the following areas: (1) building technologies for underwater space; (2) advanced materials for underwater structures; (3) innovative design of underwater space; (4) life support and safety technologies in underwater space. It is hoped that this session would provide a platform for the attendees to engage in the exchange of novel ideas.

#### **Session Convener**

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If you are interested in the special session, please contact the Session Convener: Prof. Yuan by email.