

DoD I-DREAM4 

MANE 4333 and MANE 6399

Introduction to Shipbuilding

2021 Spring

Guest lecture series

## Ship Classification Systems

March 2, 2021 7:45 PM (CST)

One of the largest products routinely produced today is the seagoing ship, and this course provides an overview of the shipbuilding process. Shipbuilding has developed over the centuries from an art to a highly organized, scientific process to construct of the world's most complex products. Some history is provided for the US and international shipbuilding industry which sets the stage for the current competitive environment. Further, the course spends time on work breakdown structure, panel line operation, pipe bending, welding, module construction, hull and superstructure formation, shipyard layout, and ship launching processes.

In this speech, **Dr. Ge** will introduce the main functions of marine classification society and their significance to the marine and offshore industry

- *ABS is a world leading classification society*
- *ABS has evolved from traditional maritime services to incorporate SMART function technologies and renewable energies*

Limited seats available. Register [here](#).

For more information, contact Dr. Alley Butler  
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About the consortium, RSVP: [www.idream4d.org](http://www.idream4d.org)



**Zhongfu Ge, Ph.D.**

Managing Principal Engineer  
American Bureau of Shipping



Dr. Ge is a Managing Principal Engineer at American Bureau of Shipping. He is leading the group of Computational Fluid Mechanics and the group of Contracted Research Development in the Technology Department of ABS. Before joining ABS, he worked as a postdoctoral researcher with US Environmental Protection Agency on statistical modeling of microbial water quality at beaches and worked with US Geological Survey as a research engineer on various topics in coastal and environmental engineering.

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