

# Ship structural design in the context of Nordic inland waterways under winter condition

PhD student: Meng ZHANG

Duration: 09/2016-09/2021

Funding: Swedish Maritime Administration

Advisor: Malin Åkermo

Research Scope:

- Develop an ice-ship impact model
- IWW ship strength and resistance evaluation
- Mix material concept on hull structure
- Weight control and lightweight structure design



# LIGHTer

