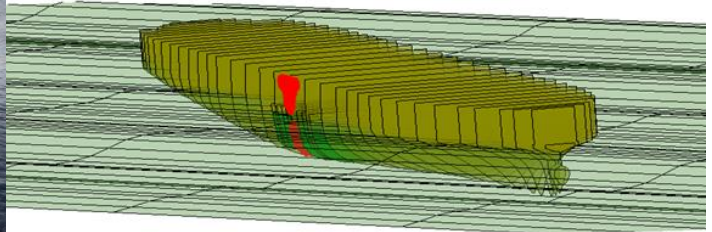


# Oil spill in ship collision and grounding



Ship collisions and grounding continue to occur despite continuous efforts to prevent such accidents. With the increasing demands for safety at sea and for protection of the environment, it is of crucial importance to be able to reduce the number of accidents, assess their consequences and ultimately minimize or prevent potential damage to ships and the marine environment.

In this thesis project the candidates will develop and implement a simulation model with the capability to assess oil spill through a hull breach, into an existing in-house code for damage stability in waves.

Some skills in MATLAB programming is required.

Contact: Martin Schreuder, Senior lecturer, [mars@chalmers.se](mailto:mars@chalmers.se)