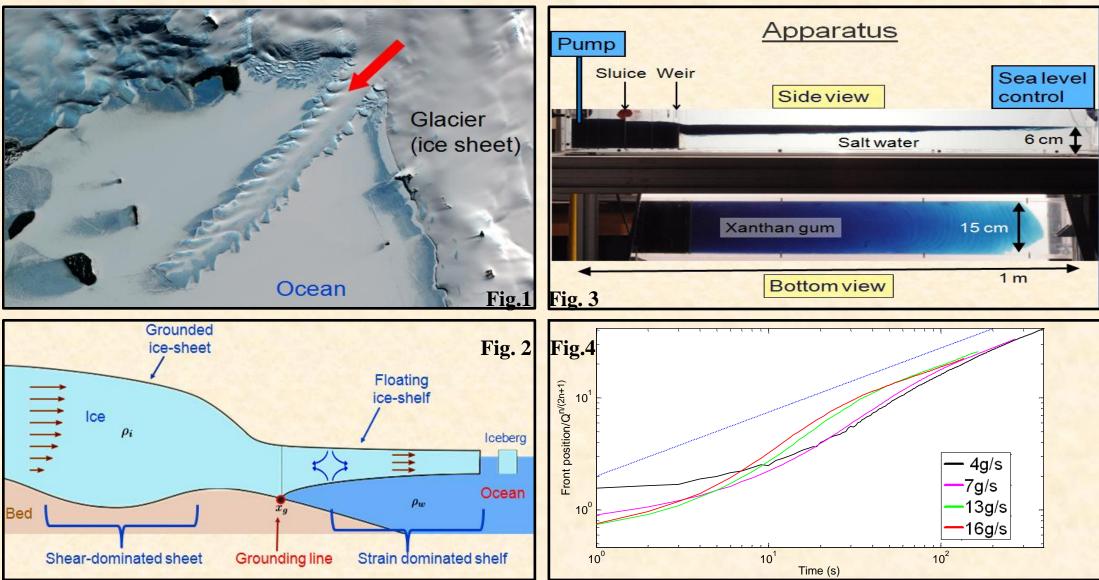
Justas Dauparas, Part II Mathematics, worked with Indranil Banik and supervised by Dr R.Sayag, Prof. M. G. Worster, Institute of Theoretical Geophysics

Floating Channel Flows



Investigating dynamics of marine ice sheets and ice tongues (Erebus Ice Tongue, Fig.1) using non-Newtonian fluids. Developing theoretical model (Fig.2) and testing it experimentally (Fig.3). Experiments verified our theory (Fig.4). It could be a major breakthrough in understanding dynamics of marine ice sheets equivalently change in sea level.