

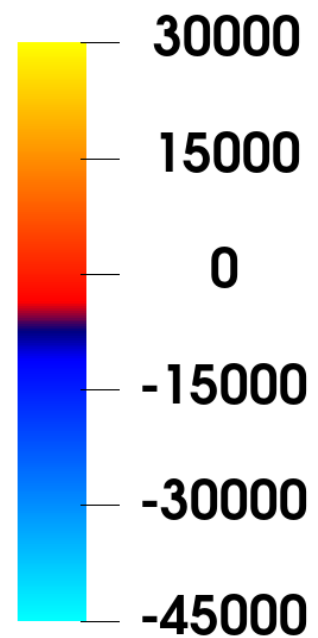
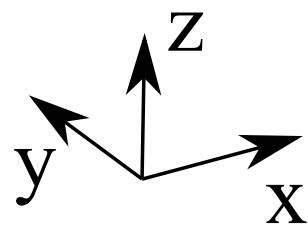
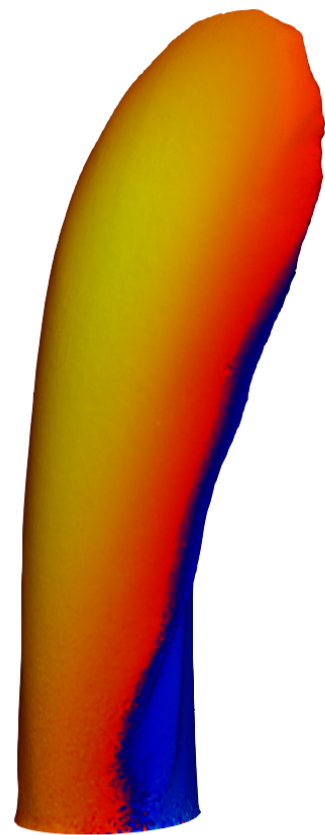
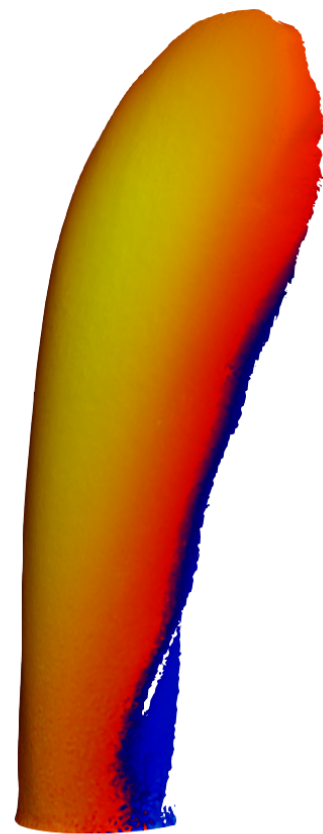
Windward surface

**Mean dense core
from resolved simulation**

Leeward surface

$\nabla_x (\bar{\psi}) > 0$

$\nabla_x (\bar{\psi}) < 0$



\bar{p} [Pa]