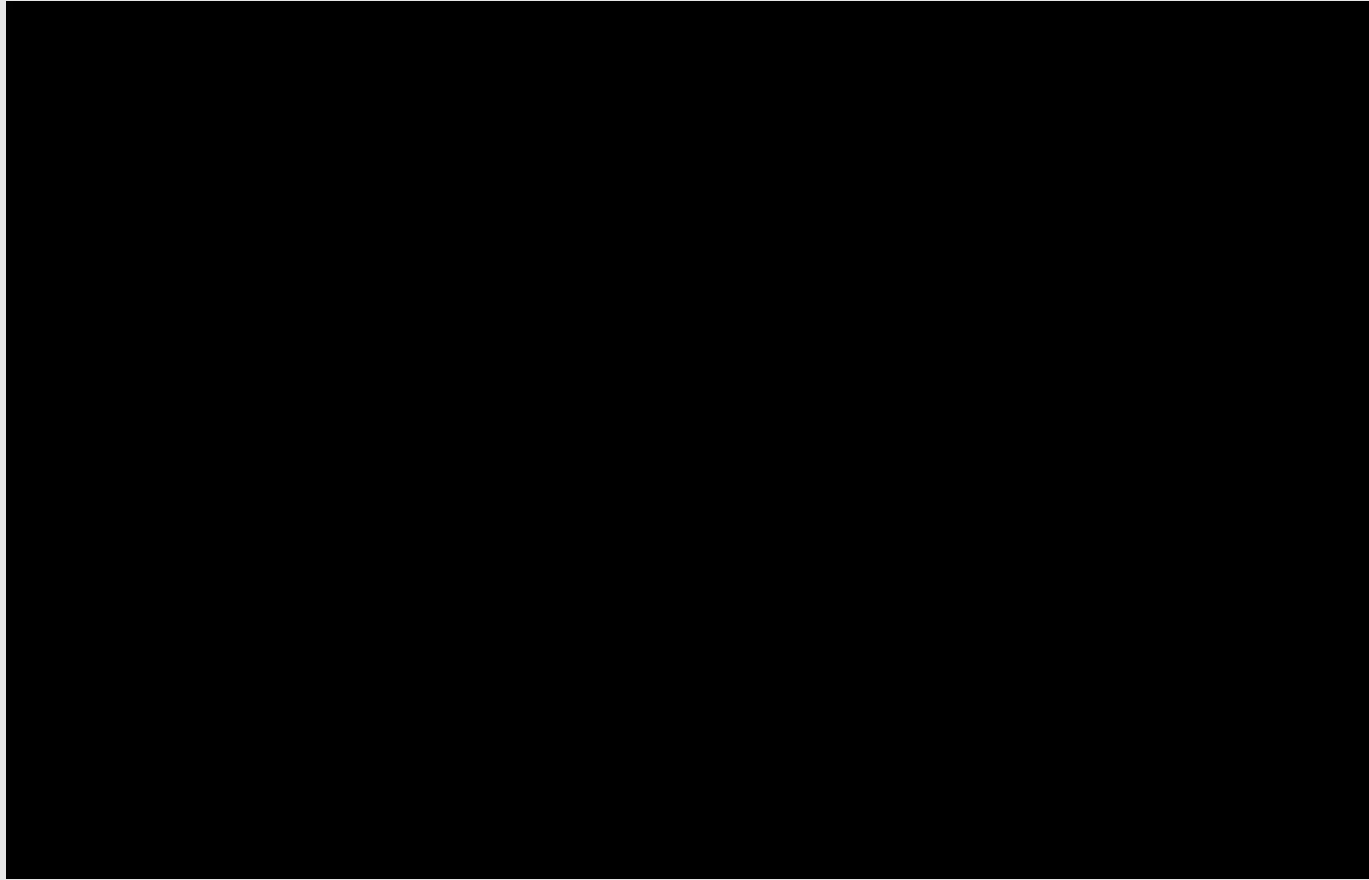


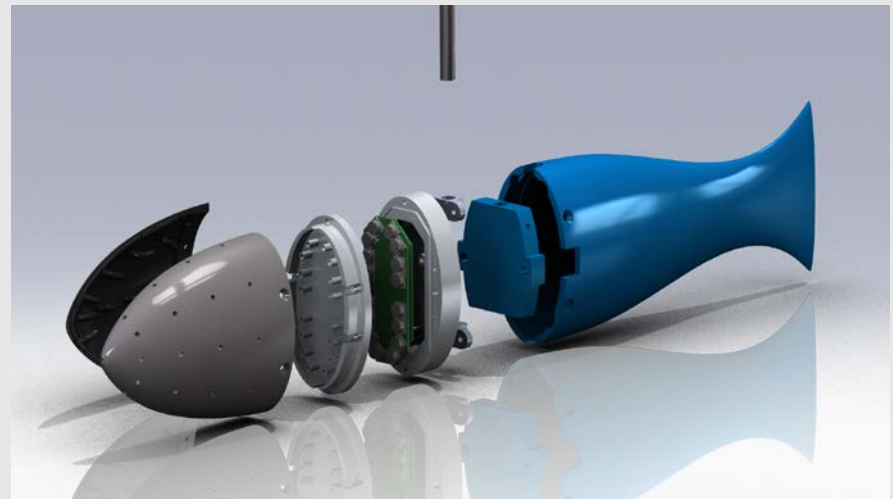
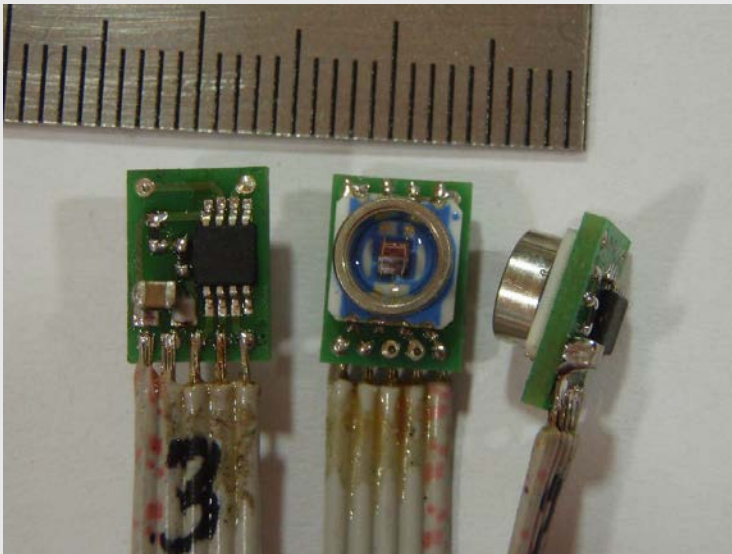
Bio-inspired flow sensing for underwater robots



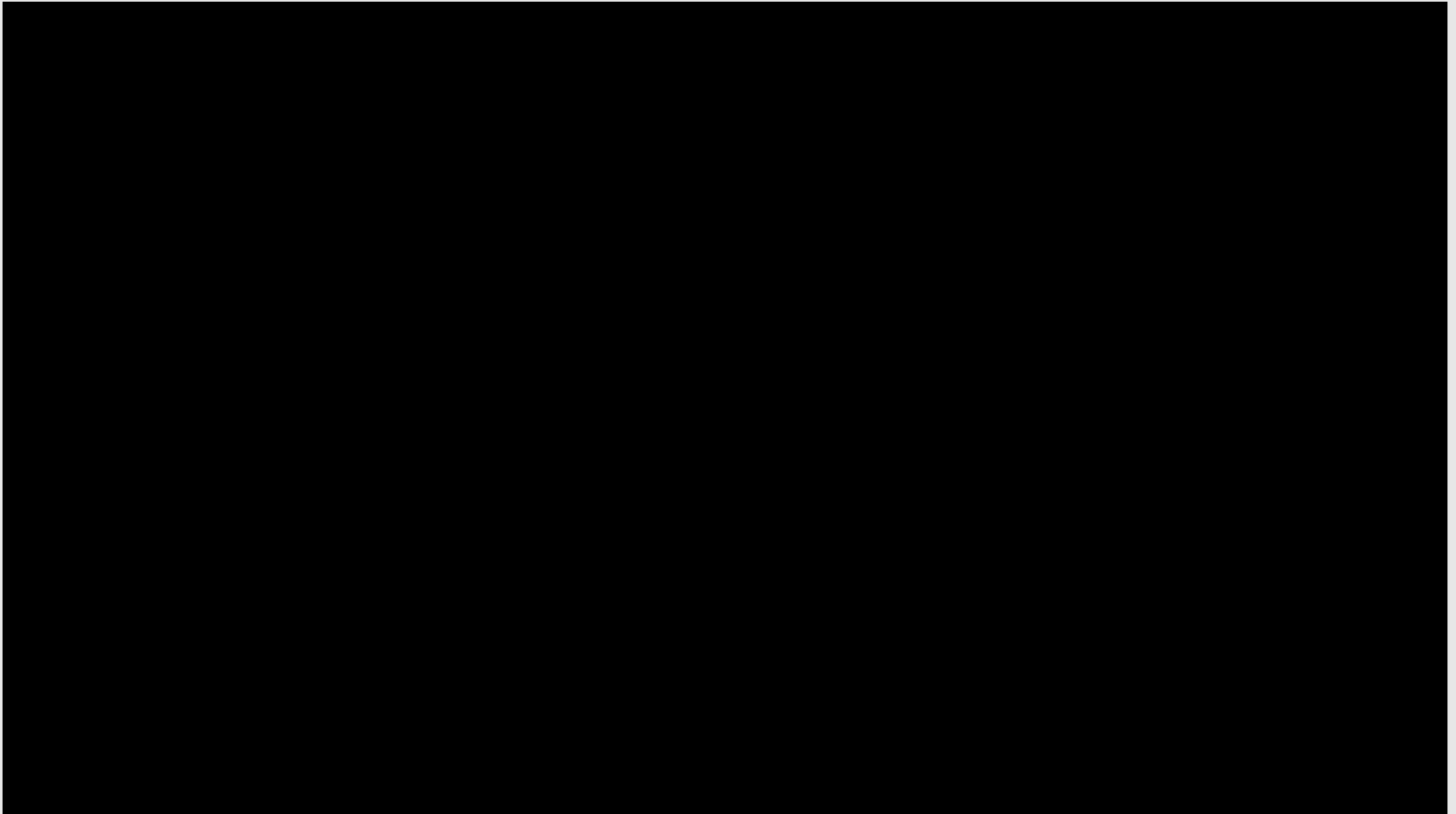
The concept: use flow to build more efficient and more autonomous underwater robots



Equipping robots with flow sensors – artificial lateral lines



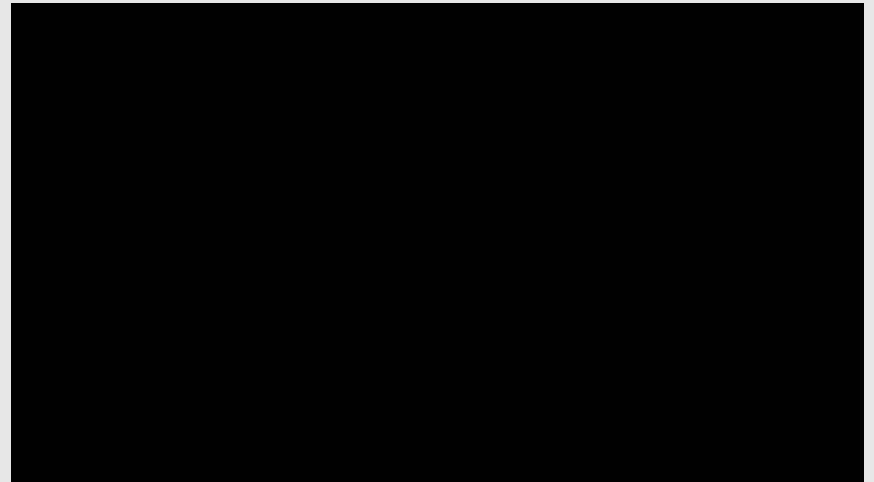
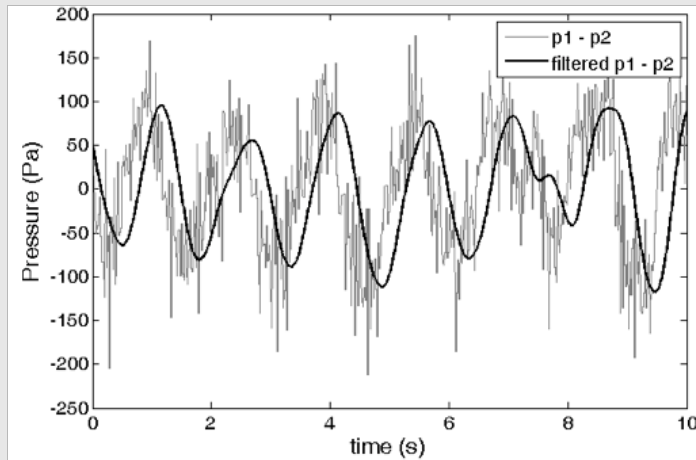
Swimming upstream, holding station in flow, hovering in a wake



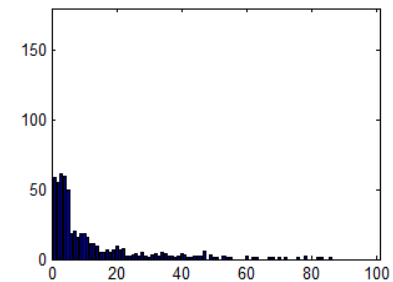
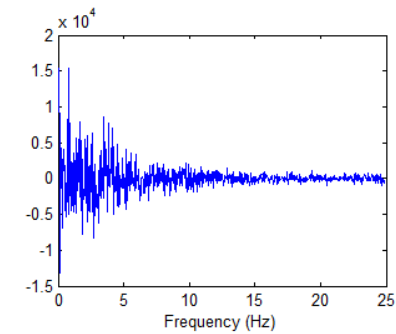
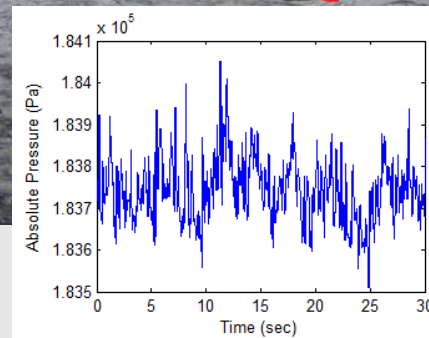
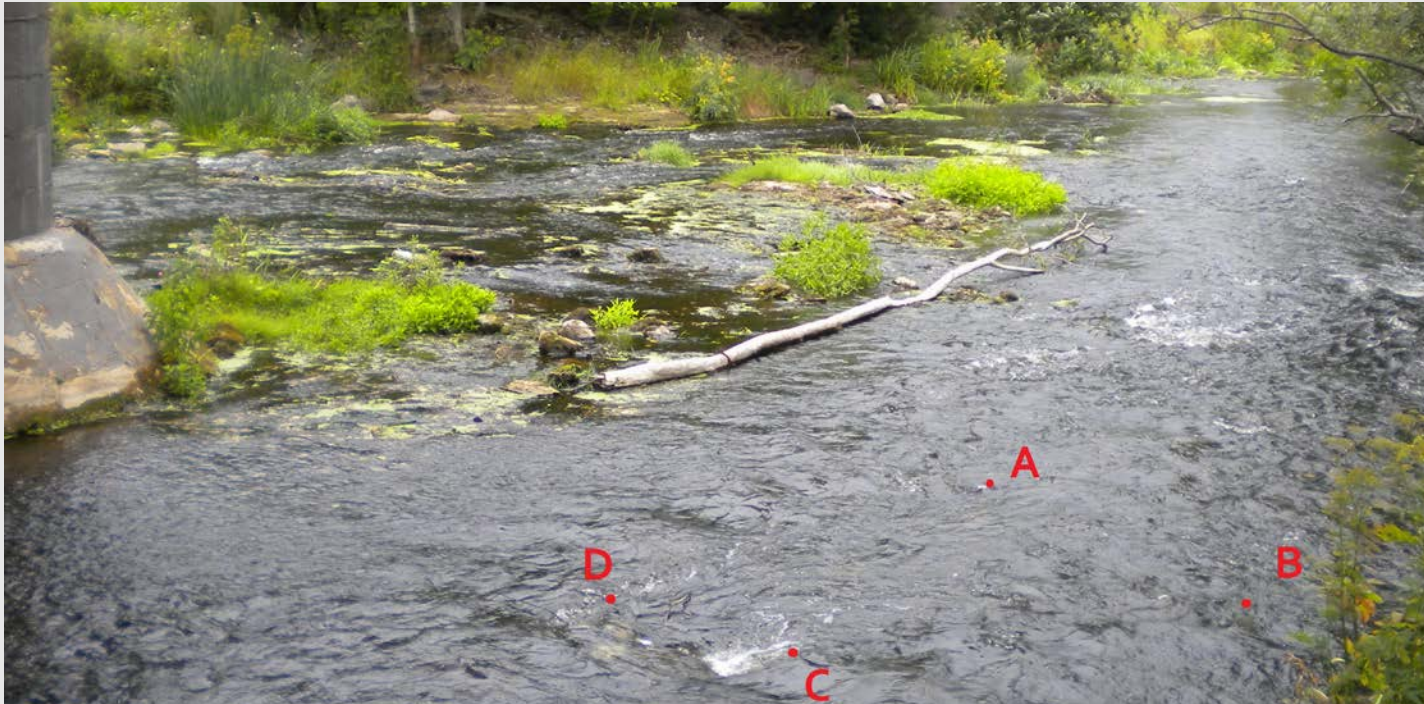
Following trajectory in flow



Harvesting vortex energy



Flow based localisation for robots



FISHVIEW: Studying fishpasses (aka fishways, fish ladders)



Financed by EEIG BONUS

Flow is a source of information

Flow is a source of energy

Underwater robots could benefit from it

