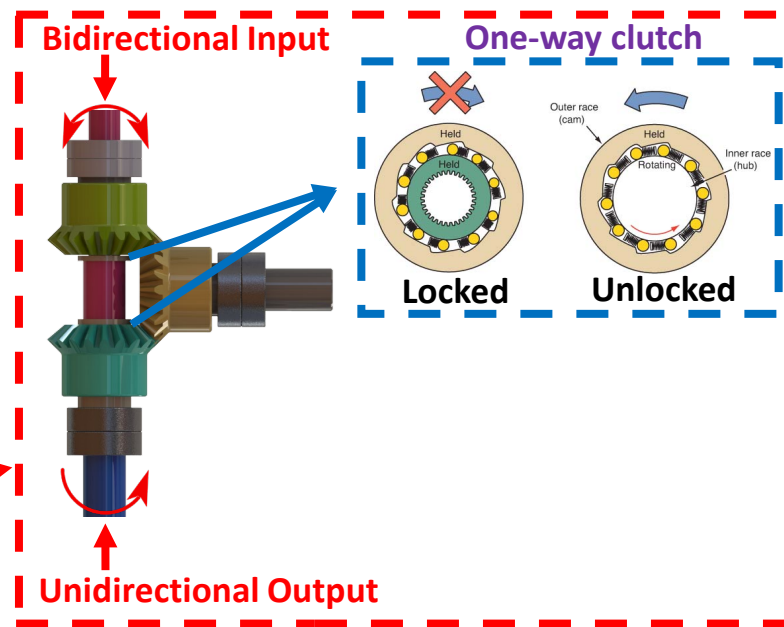
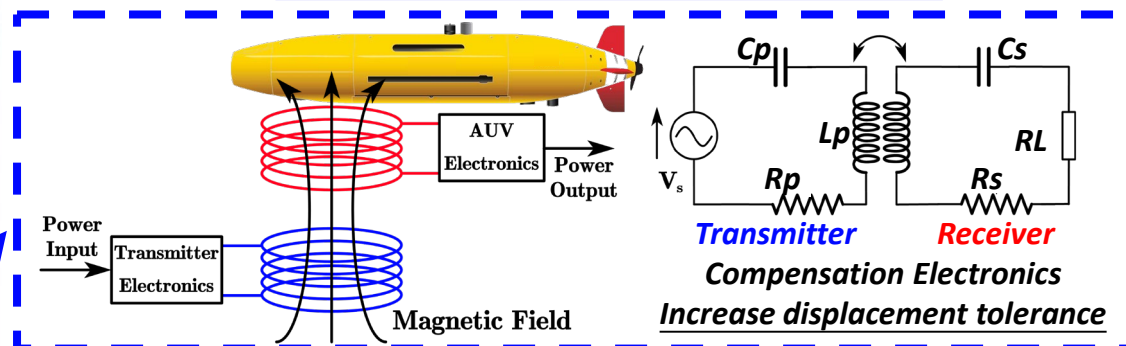


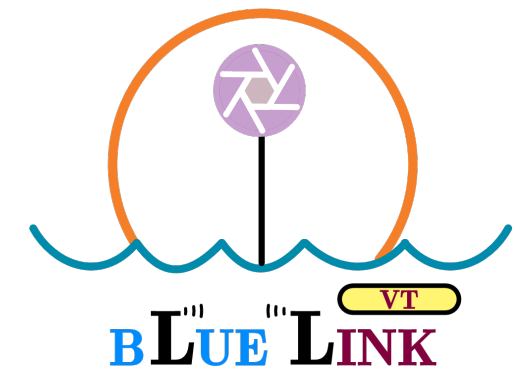
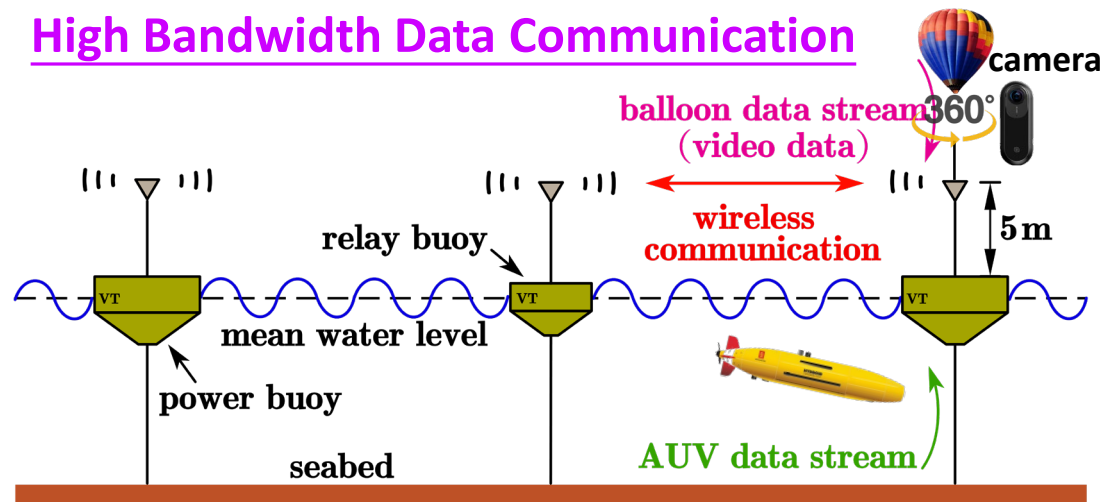
Mechanical Motion Rectifier



Wireless Underwater Charging



High Bandwidth Data Communication



“Youtube Live in the ocean”

MMR PTO efficiency: **80%**

Underwater charging: **200W**

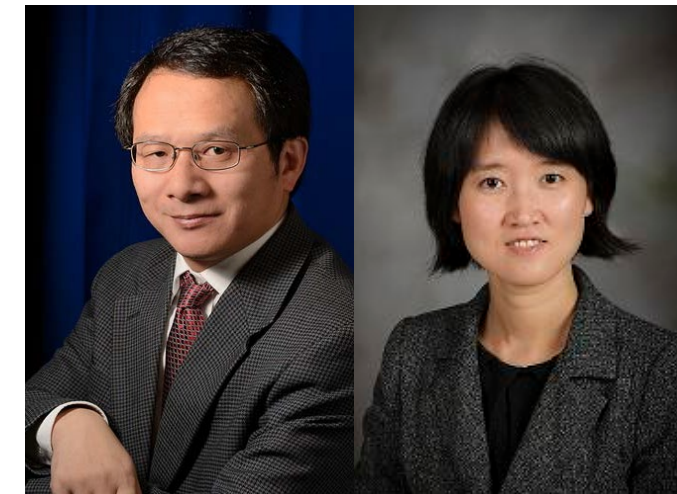
Wireless communication:

5Mbps over 5km

Prof. Lei Zuo Prof. Yaling Yang

Energy harvesting Wireless

Wireless charging communication



<http://www.me.vt.edu/research/laboratories/zuo/> <https://www.faculty.ece.vt.edu/yyang8/index.html>