

**IMECE2017-70110**

**A DYNAMIC MODEL FOR MOTION OF AN ROV DUE TO ON-BOARD ROBOTICS**

**Andreas Evjenth**

Mechanical and Marine Engineering  
Western Norway University of Applied  
Sciences  
Bergen, Norway  
anstroen@gmail.com

**Otto Andreas Moe**

Mechanical and Marine Engineering  
Western Norway University of Applied  
Sciences  
Bergen, Norway  
ottoandreasmoen@gmail.com

**Iselin Violet Kjelland Schön**

Mechanical and Marine Engineering  
Western Norway University of Applied  
Sciences  
Bergen, Norway  
iselinvks@gmail.com

**Thomas J. Impelluso**

Mechanical and Marine Engineering  
Western Norway University of Applied  
Sciences  
Bergen, Norway  
tjm@hvl.no

This paper will be presented at IMECE 2017 in Tampa, Florida