

# Autonomous Systems launch and networking event

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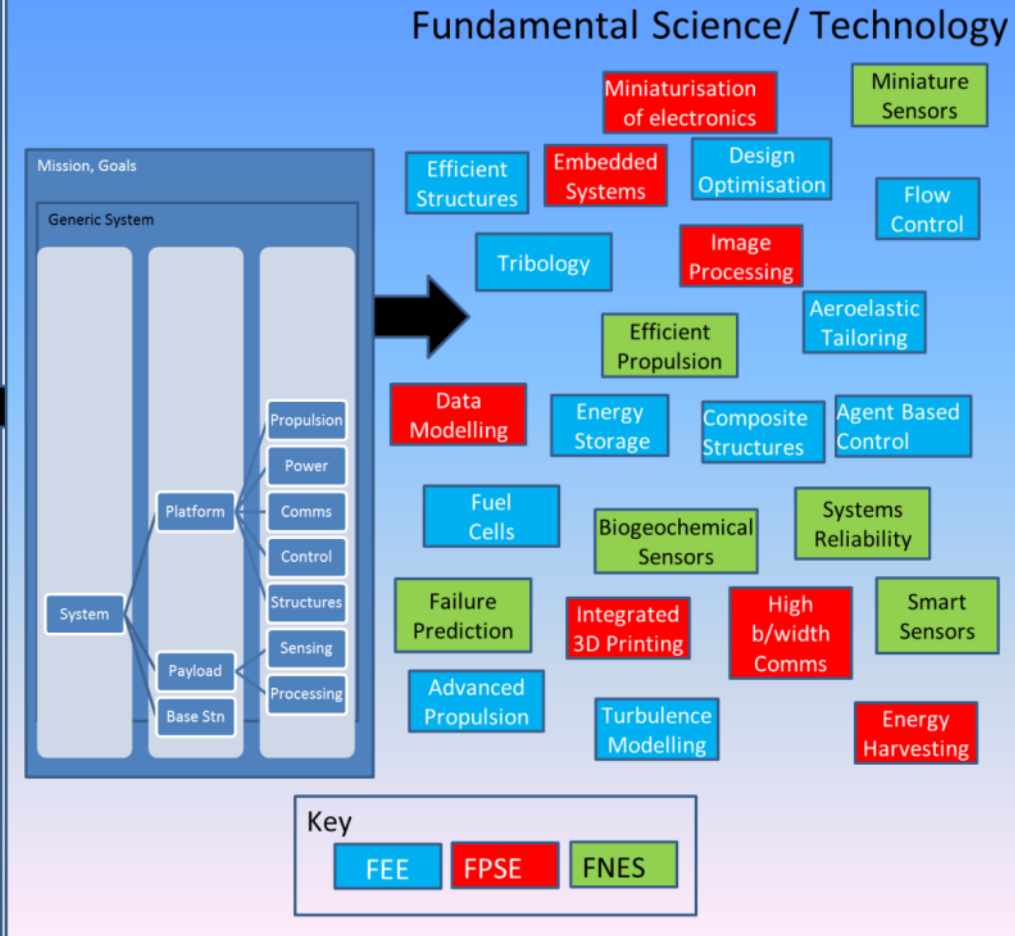
# Why Autonomous Systems?








Recognised by

## Autonomous Systems USRG

### Existing Southampton Platform Research

<p><b>Project:</b> ASTRA (EPSRC) <b>Application:</b> Stratospheric science</p> 	<p><b>Project:</b> Triangle (INDSRY) <b>Application:</b> Ship safety</p> 	<p><b>Project:</b> Earth Science Dynamics <b>Application:</b> Glaciology</p> 	<p><b>Project:</b> BERISUAS (EU) <b>Application:</b> Maritime safety</p> 
<p><b>Project:</b> AETHER (INDSRY) <b>Application:</b> Security</p> 	<p><b>Project:</b> Autosub (NERC) <b>Application:</b> Maritime exploration</p> 	<p><b>Project:</b> SUAVE (INDSRY) <b>Application:</b> Safety of UAVs</p> 	<p><b>Project:</b> Aladdin (INDSRY) <b>Application:</b> Emergency Response</p> 
<p><b>Project:</b> AGRIUAV (EPSRC) <b>Application:</b> Agriculture</p> 	<p><b>Project:</b> Delphin <b>Application:</b> Maritime Search</p> 	<p><b>Project:</b> Orchid (EPSRC) <b>Application:</b> Emergency Response</p> 	<p><b>Project:</b> HALO (INDSRY) <b>Application:</b> Security</p> 
<p><b>Project:</b> 2Seas (EU) <b>Application:</b> Maritime protection</p> 	<p><b>Project:</b> MARS Glider(NERC) <b>Application:</b> Maritime</p> 	<p><b>Project:</b> MAVIS (EPSRC) <b>Application:</b> Atmospheric science</p> 	<p><b>Project:</b> Autonomous ship <b>Application:</b> Transportation</p> 



Laboratory	Image
<p>Unmanned systems research lab</p> <p>Autonomous systems research lab</p>	
<p>"Skunk works" lab for student autonomous systems</p>	
<p>Ground station vehicle 1</p>	
<p>Ground station vehicle 2</p>	
<p>Systems reliability lab</p>	
<p>Structronics lab</p>	
<p>UAV engine test lab</p>	

# Shared Facilities



# USRG Goals

- Stimulate deeper, more extensive internal multidisciplinary collaboration
- Cross-Faculty undergraduate projects
- Large “Grand-challenge” cross-faculty initiatives
- Be ready for to respond to calls (Example; NERC call in Autonomous Systems)



# We need you!

- USRG currently weak in areas of Logistics, Law, Social impact, Business modelling etc
- Want people to sign up as members of the USRG
- Will provide an “outward facing” summary list of expertise around autonomy
- Will help stimulate internal networking

