UNIVERSITY OF BIRMINGHAM

Human Interface Technologies Team

Human-Centred R&D Supporting Digital Technologies for Defence, Engineering, Science, Medicine & Heritage

Prof. Bob Stone

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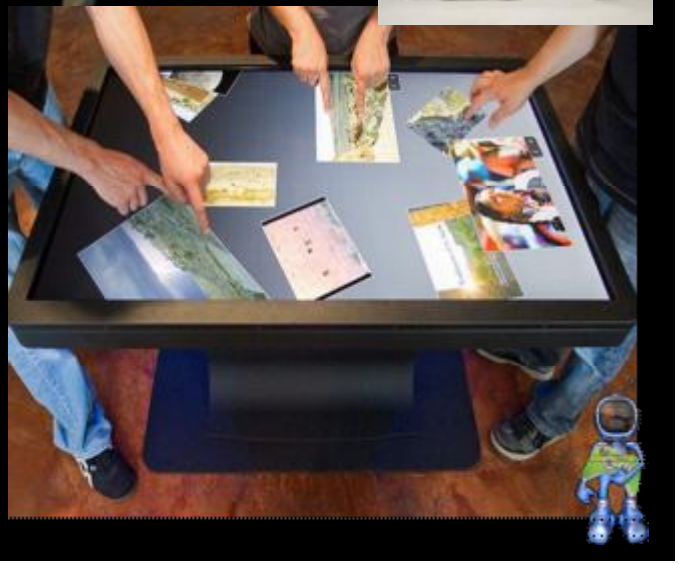
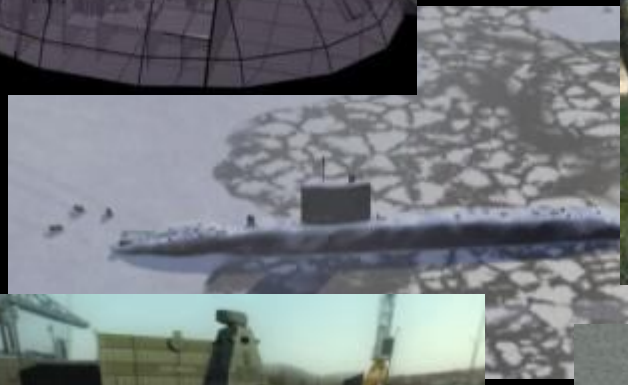
What Do We Do?

“Humans First ... Technology Second”



Why? Independent Advice to Industrial & Government Collaborators and Sponsors



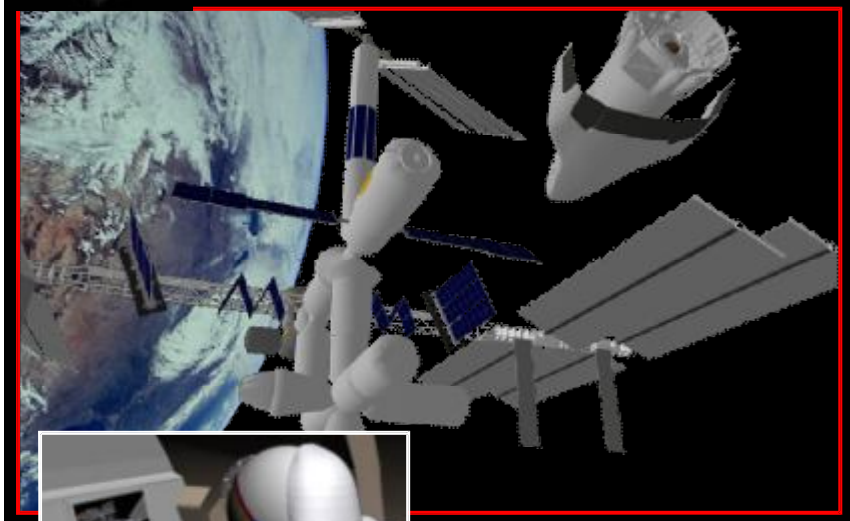
Recent Successes

Recent Successes

More information and Details on Related Projects at
www.birmingham.ac.uk/stone

VR for Intensive Care

Why? Real-World Experiences for Students



Defence-Related Student Projects

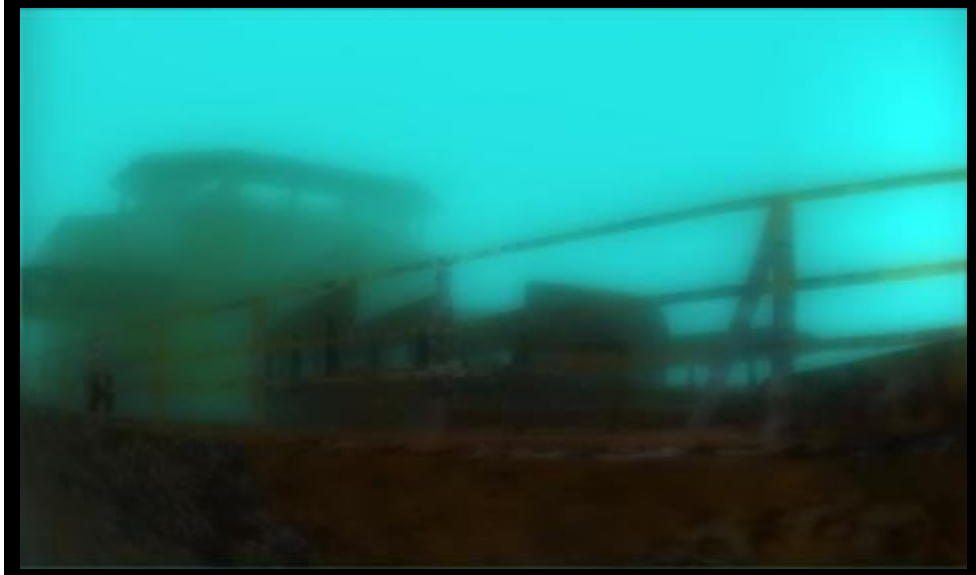
HMS Collingwood

Defence Diving School

Aston Martin

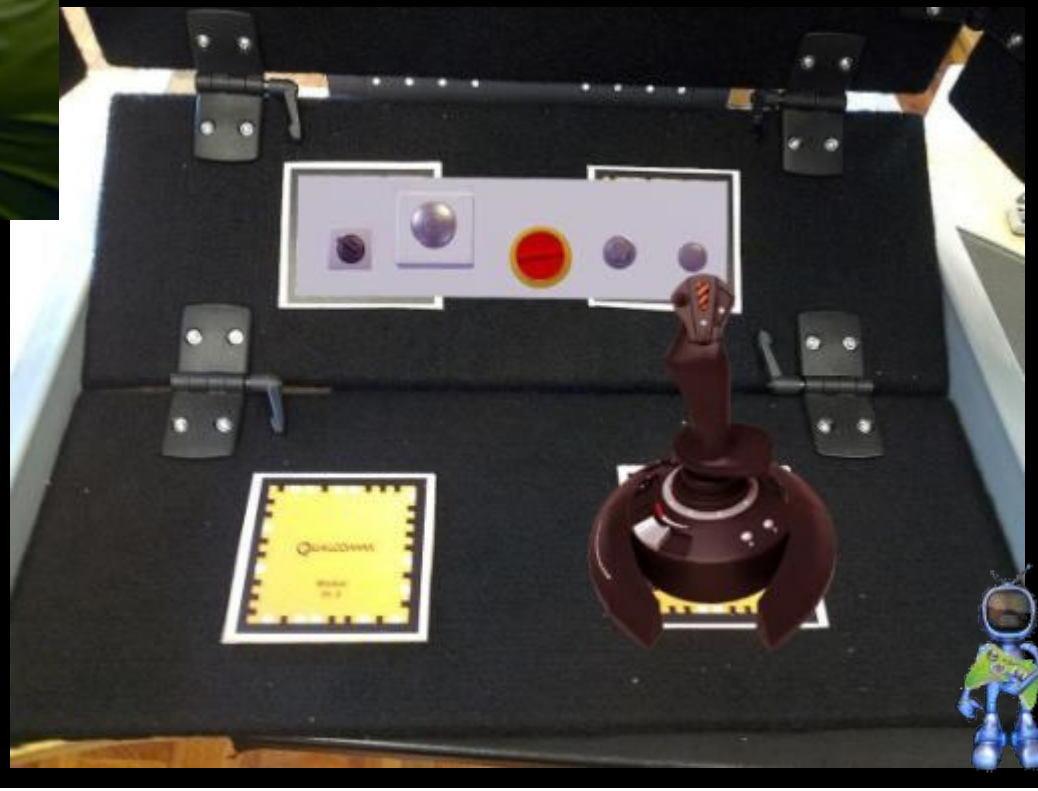
National Marine Aquarium
& West Country Conservation

Virtual & Real Scylla

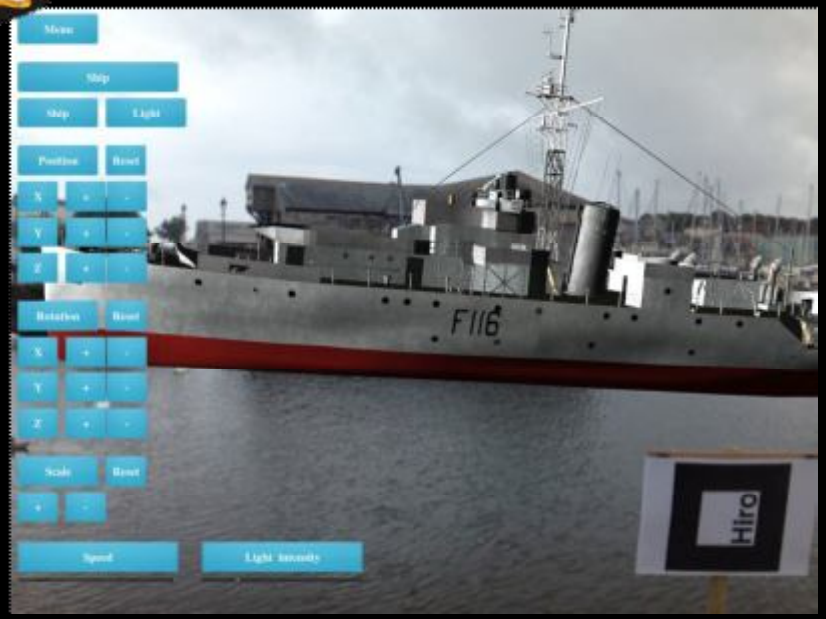


RN Avatars for Future Command Centre Prototy

Augmented Reality for Future Console Design



HMS *AMETHYST*

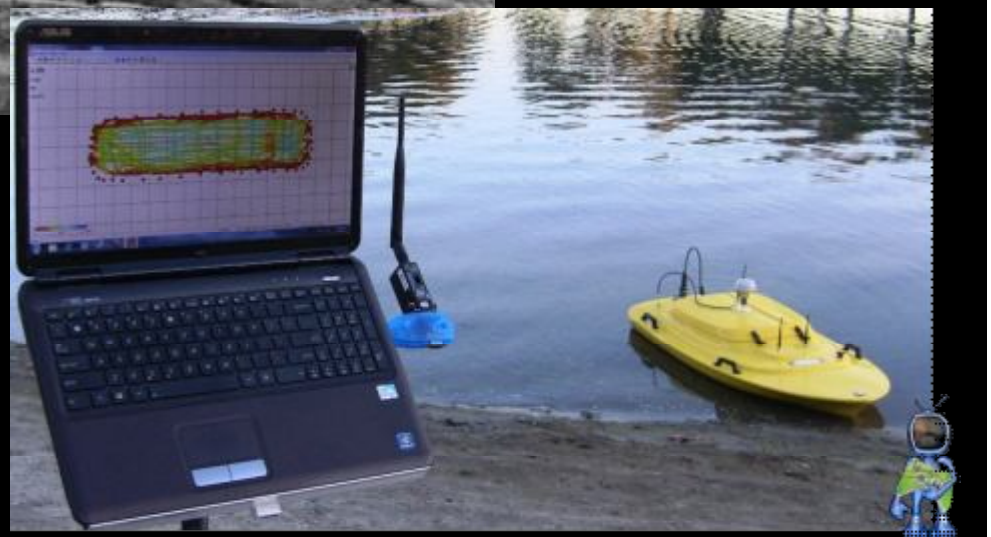


WEMBURY COMMERCIAL DOCK (1909)

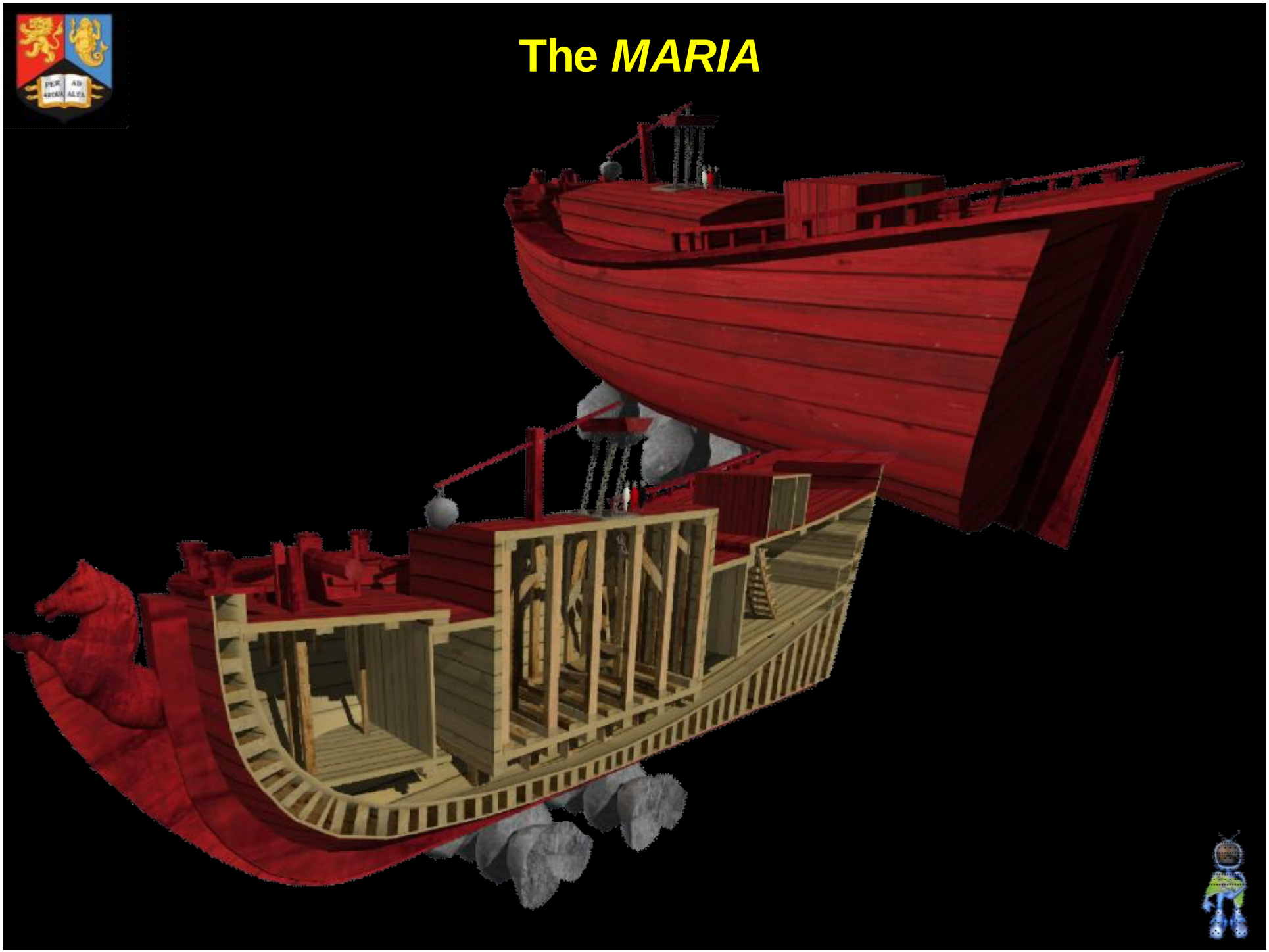
Royal Navy National Museum

What's Next?
Virtual Burrator

What's Next?
"Burrator Underwater" Project



The *MARIA*



ENGLISH HERITAGE
Plymouth Marine Laboratory
PROMARE
University of Worcester
NATIONAL MARINE AQUARIUM
DARTMOOR NATIONAL PARK
WEST MIDLANDS FIRE SERVICE
WEST MIDLANDS POLICE
Wembury
swlakestrust
THE UNITED KINGDOM HYDROGRAPHIC OFFICE
FOST HM
ROYAL NAVY
SMQS
SMQN
RN Submarine School
Human Interface Technologies
[dstl]
BAE SYSTEMS
CENTRE
DEFENCE EOD MUNITIONS & SEARCH SCHOOL
Shadow
Haldane - Spearman Consortium
Sandia National Laboratories
VT Flagship
Part of VT Education and Skills
babcock
Babcock Marine
QinetiQ
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The Royal Academy of Engineering
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