CI Compass

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Cyberinfrastructure for Major Facilities: Challenges and a path forward

By Philip Gates

Cyberinfrastructure for Major Facilities: Challenges and a Path Forward

March 2, 2022
CI Compass Cyberinfrastructure for NSF Major Facilities Workshop

USC Viterbi School of Engineering Information Sciences Institute
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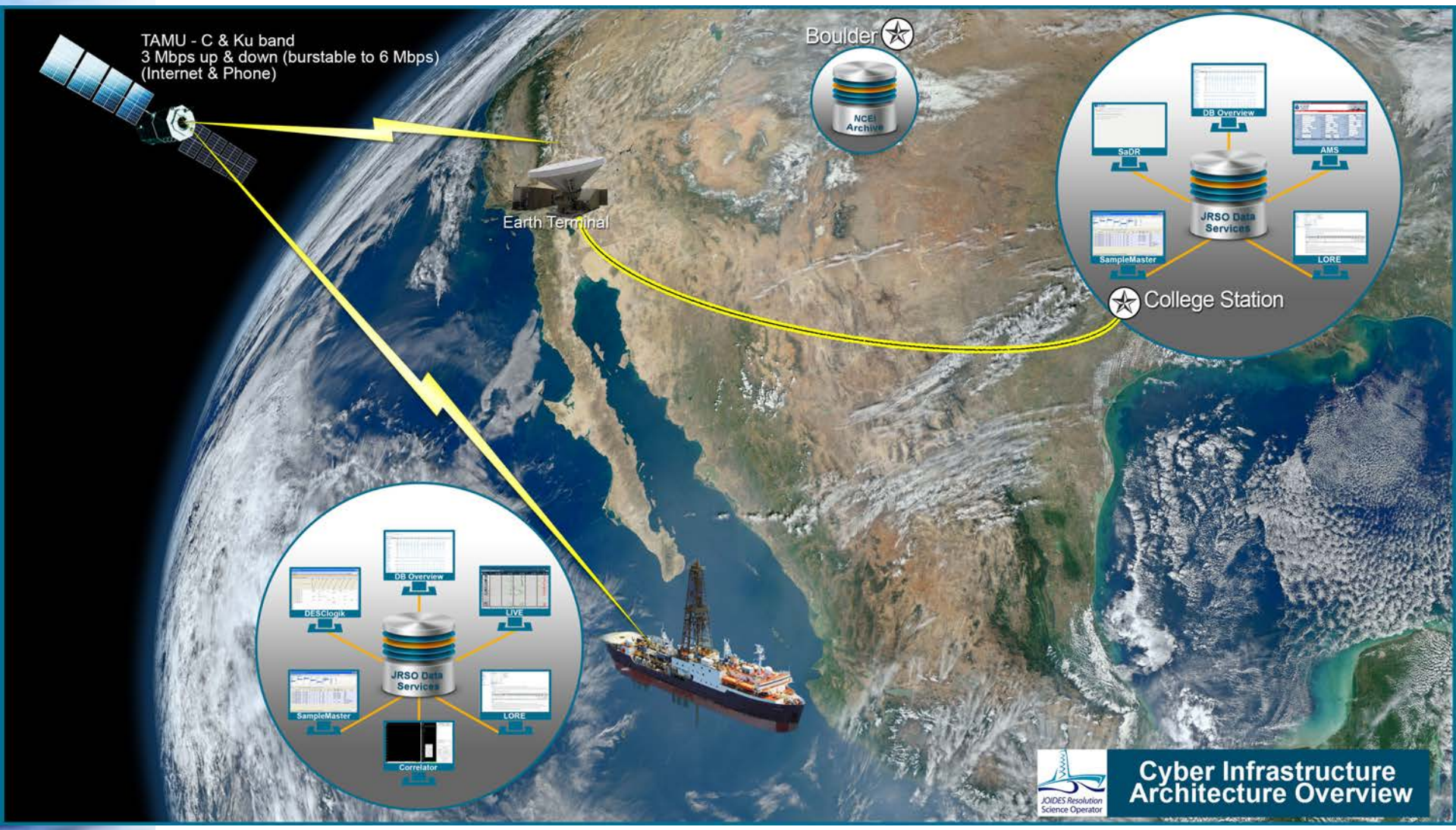
Science Operator

Cyberinfrastructure for Major Facilities: Challenges and a path forward

Philip Gates
International Ocean Discovery Program
***JOIDES Resolution* Science Operator**
2 March 2022


TAMU - C & Ku band
3 Mbps up & down (burstable to 6 Mbps)
(Internet & Phone)
Boulder
NCEI Archive
Earth Terminal
DB Overview
SaDR
AMS
JRSO Data Services
SampleMaster
LORE
College Station
DESClogik
LIVE
Correlator
Cyber Infrastructure Architecture Overview

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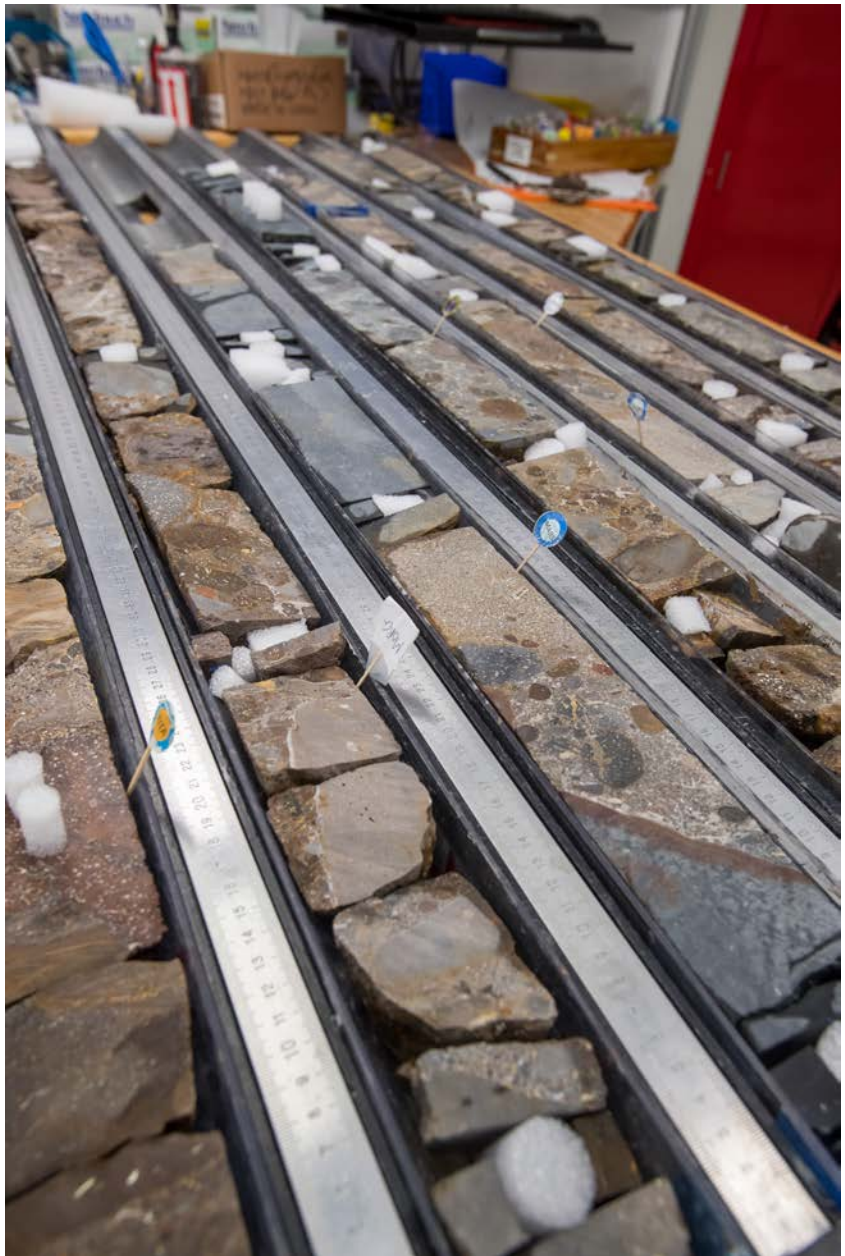

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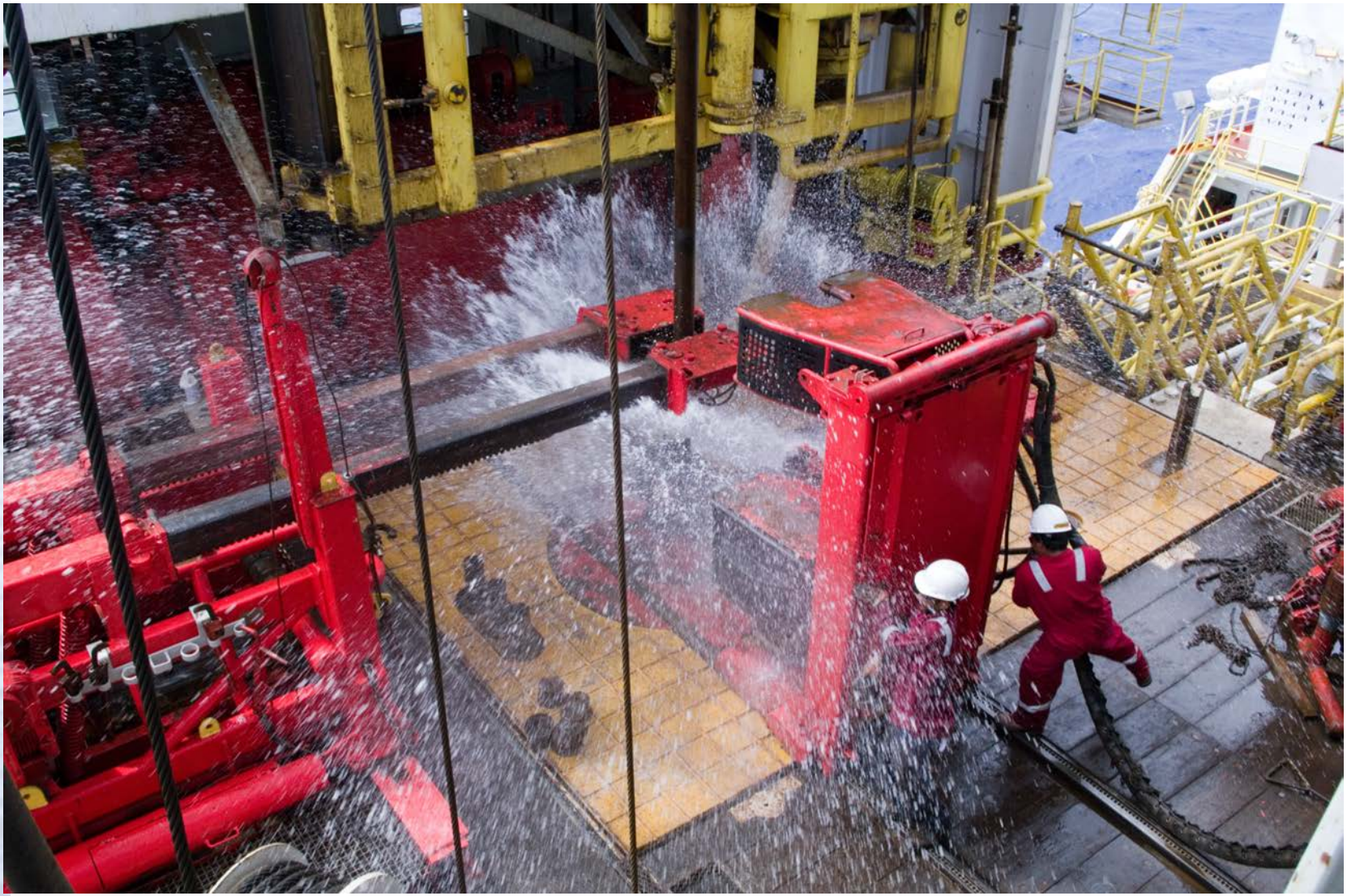

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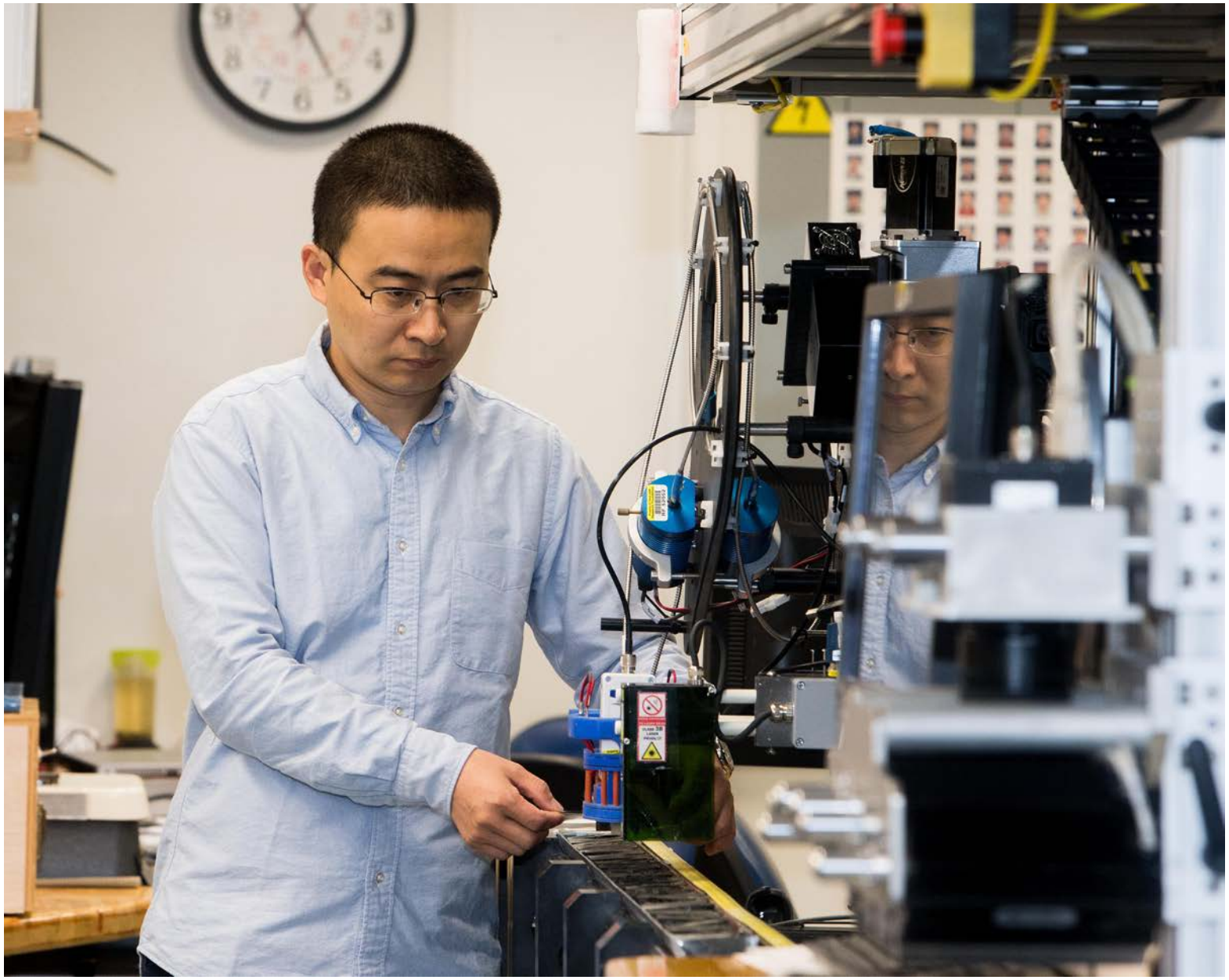

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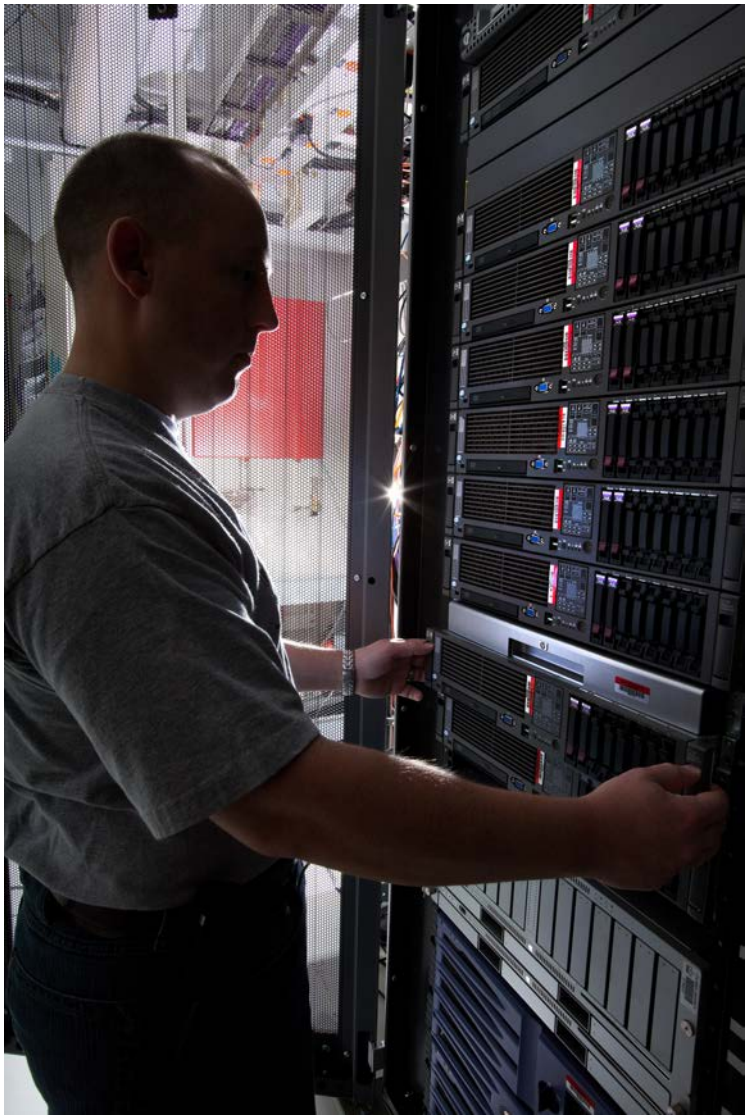
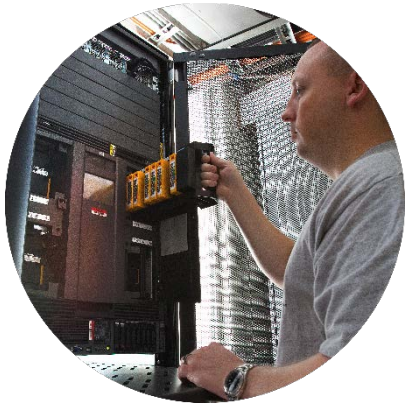
IT aboard the *JOIDES Resolution*





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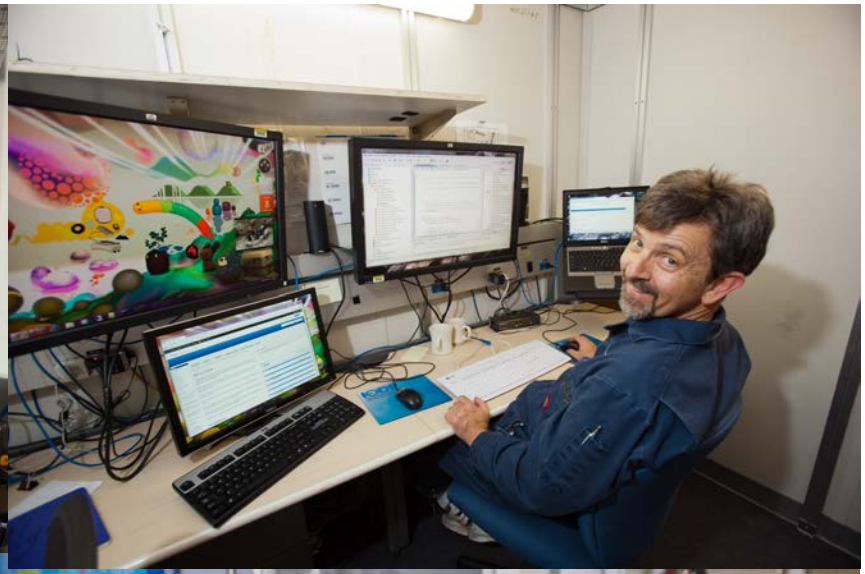

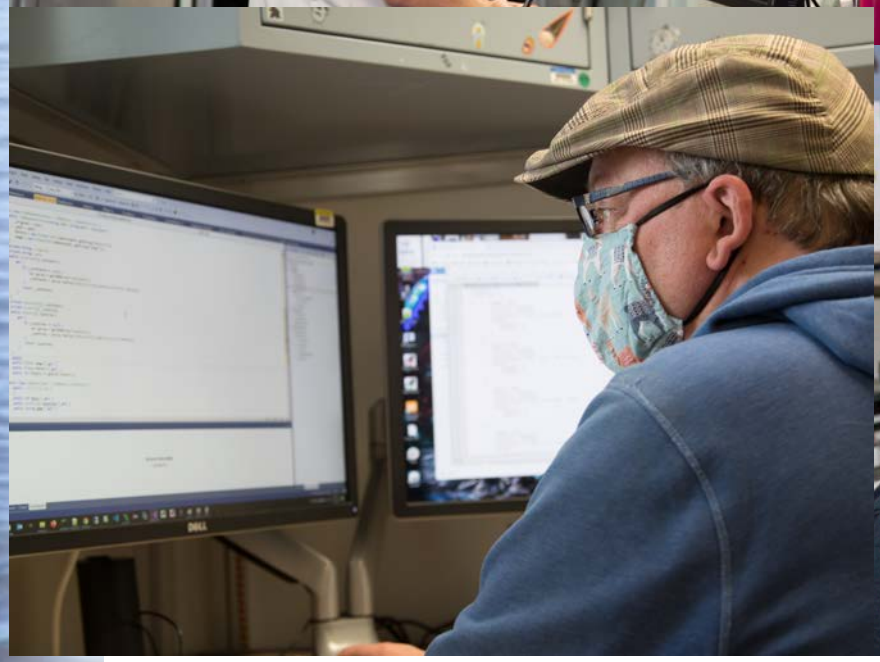

Challenges and opportunities

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Socio-technical and CI collaboration challenges

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Resources

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https://joidesresolution.org/

https://www.youtube.com/user/theJOIDESResolution

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