

What can TRIUMF do to provide added value for the AMO community?

- What resources at TRIUMF do you think you can use?
- What are your needs, and what resources would you like us to have?
- What level of support would you like to see that you count on...
 - ... for technical support (DAQ/FPGA expertise, others)?
 - ... for logistical support?
- Can/should TRIUMF be a platform for community self-organisation? A centre for multi-PI initiatives?
- What is the mechanism for community feedback?

Close out

- Added value for the AMO community:
 - Ideas about access to technologies:
 - Cryogenics, FPGA programming and developments, DAQ, control systems
 - Development of 'good qubits': have resources to develop, learn and share with universities, NRC
 - Develop or operate a 'atomic clock' which will build synergies and help quantum literacy and proficiency
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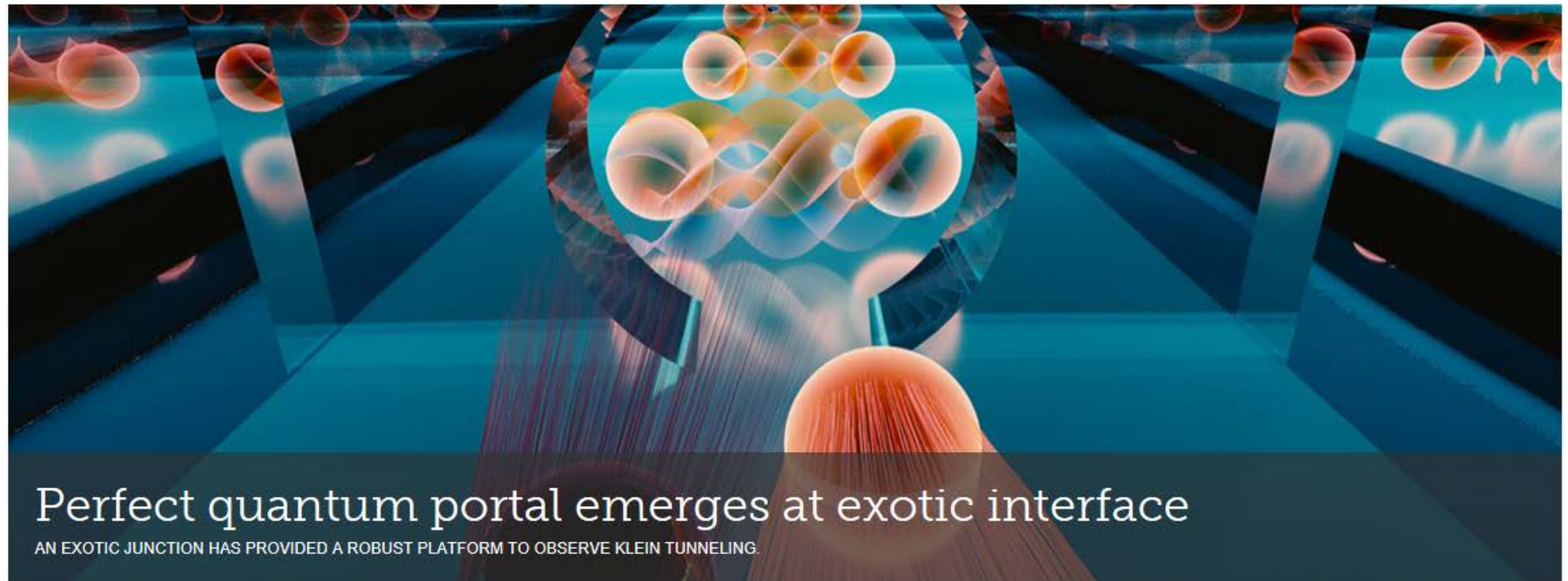
Close out (2)

- Added value for the QC community
 - Opportunity to have a 'hardware hub' –links to software and classical computing expertise
 - Develop opportunities for scalability
 - Access and maintaining hardware expertise:
 - chip-traps developments?
 - superconducting systems?
 - TRIUMF is not a national lab, so the community has influence on the program
 - Operate a system for the user community, let universities do the developments.
 - Provide access to commercial systems?
 - Idea about private funding?

Close out (3)

- Next Steps

- Combine ideas of quantum literacy & proficiency (AMO community) and QC access
- Define a framework: do we want a 'joint quantum institute'-type institute for universities-TRIUMF-NRC?
- Can we make a case for this? White Paper?
- Funding framework?



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