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Type: **Oral Presentation**

The neutron superfluid in the interior of neutron stars.

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In his work on superfluid helium, Feynman gave both qualitative and quantitative descriptions of the excitation spectrum of superfluid helium. I briefly review Feynman's approach to superfluid helium and assess the applicability of this theory to neutron star interiors.

Level (Hons, MSc, PhD, other)?

M.Sc.

Consider for a student award (Yes / No)?

Yes

**Would you like to
 submit a short paper
 for the Conference
 Proceedings (Yes / No)?**

Yes

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