



UNIVERSITY OF
LIVERPOOL

FINAL YEAR PROJECT

BACHELOR OF SCIENCE

**Modelling of Pb Overlayer Structure Formed on
Icosahedral Ag-In-Yb Quasicrystal**

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Abstract

Study presents the bulk model of quasicrystalline using Pb overlayer and the fivefold surface of icosahedral Ag-In-Yb quasicrystal as template. The model is then compared to STM results proving the exhibition of quasicrystalline structure as deduced in the experimental technique.

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