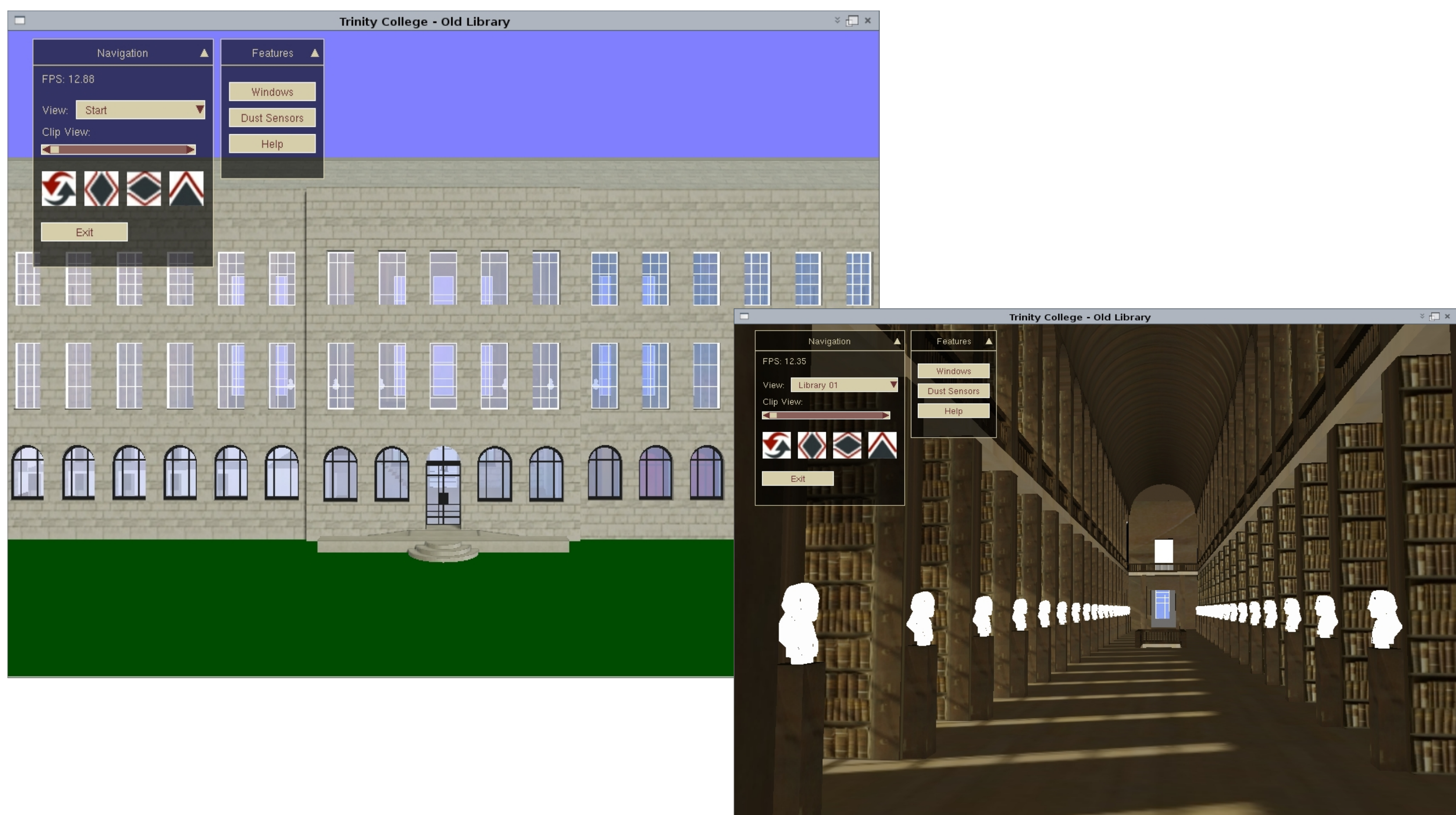


LibViz: A visualisation toolkit to support the Preservation of the Old Library

The Graphics, Vision and Visualisation (GV2) group in TCD's School of Computer Science and Statistics is working with the Preservation and Conservation Department of the Library, to develop a fully interactive 3-D model of the Old Library, known as the LibViz.

LibViz demonstrates a significant innovation in the approach to the study of a single building. The research project is developing a system to visualise structural and environmental data relating to the Old Library. This includes visualising dust dispersion levels, temperature and relative humidity levels and the condition of structural elements, within an accurate to-scale recreation of the building and its key features. The model will also be used to document the impact of changes once a remediation plan is commenced.

The environmental and structural information is being gathered as part of the Preservation of the Old Library project, which is a collaboration between the Library and the Director of Buildings Office.



This work has links with other on-going research under the titles of :

- SOLD – the Study of Old Library Dust (Library and Geography Department)
- The Mellon Identical Books Project (Library and BL)
- SDP – the Study of Dust and Paper Interface (Library and University of Cardiff)

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