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Visualizing Physics: Good Vibrations

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This talk forms part of the author's Masters investigation into perceptions of Physics in school visitors to Unizul Science Centre. Visitors typically fall into three distinct groups with very different needs and responses. Those coming from: rural schools, township schools and urban schools. In this study, pupils were exposed to an interactive Science Show: Good Vibrations, presenting the basics of sound and waves through musical instruments. They were then asked to respond to questions requiring both written and graphical answers. From these, conclusions are drawn as to the ability of these pupils to understand sound both visually and conceptually. These conclusions will be used to inform best practice when dealing with different groups of visitors with different needs.

**Level (Hons, MSc,
 PhD, other)?**

MSc

**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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