

## **PBG cavities for future ADMX**

*Wednesday, 11 January 2017 13:25 (35 minutes)*

As ADMX is looking towards higher frequencies, the reasons to use conventional microwave cavities over other technologies becomes less clear cut. In this talk I will discuss ideas using photonic bandgap structures and meta materials in conjunction with microwave cavities; the benefits which they present and the challenges they pose.

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