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## **Quality Assurance Techniques as Applied to Strips Detector Barrel Staves ATLAS Phase II Tracker Upgrade**

*Tuesday 18 June 2019 09:00 (20 minutes)*

We propose to present quality assurance techniques used at both Iowa State University and Yale University physics departments as integral parts of the ATLAS Phase II Upgrade strips detector barrel stave core production cycle. Specifically, we will address thermal imaging and bending tests as well as novel approaches to assuring structural bond integrity in composite honeycomb structures.

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