

# Status of the Low Resistance Strip Sensors Project

*Thursday 14 November 2013 11:35 (20 minutes)*

An update will be presented on the status of the LowR project. General performance results from the first Low-R sensors fabricated at the clean room of CNM-Barcelona will be shown (technological parameters, IV, CV). Results on the tests on other important sensor parameters like strip resistance, inter-strip isolation, and pulse shape will also be presented. First tests on the PTP structures behaviour indicate that some technological issues should still be solved in order to have a full PTP performance. Yet, initial laser tests that emulate beam loss and enable dynamic measurements show promising reduction of the strip peak voltage. New sensors with corrected design are being processed that will allow a full demonstration of this technology. The optimization and solutions proposed for the second batch, will be detailed, together with new technological proposals to be implemented.

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**Session Classification:** Full Detector Systems