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The Canadian Contribution to the ATLAS New Small Wheels

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As a part of the Phase-1 upgrade to the ATLAS muon spectrometer, Canada has taken a leading role in the construction, testing, and commissioning of small-strip Thin Gap Chambers or sTGCs, one of two detector technologies to be used in the ATLAS New Small Wheel. This presentation will detail the process in which sTGCs are built to their integration into the ATLAS detector. A focus will be given to Canadian contributions to this international project and its current status.

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