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The Recent Developments of Quantum-secured Communication in Durban

The Centre for Quantum Technology has recently secured the link between the Moses Mabhida Soccer Stadium in Durban with the Joint Operations Centre (JOC) of the province using quantum based encryption systems. The link was used by the eThekweni Municipality during the 2010 FIFA World Cup to encrypt all communication between the stadium and the JOC. This, being the first ever public global event using quantum communication, marks a major milestone in the commercial acceptance of this technology. We present our results and experiences of this project.

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