

**Analysis Seminar December 3, 2015**, 11:30am-12:20pm in SCEN 322

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**Title:** *On some conformally invariant operators in Euclidean space*

**Abstract:**

The aim of this paper is to correct a mistake in earlier work on the conformal invariance of Rarita-Schwinger operators and use the method of correction to develop properties of some conformally invariant operators in the Rarita-Schwinger setting. We also study properties of some other Rarita-Schwinger type operators, for instance, twistor operators and dual twistor operators. This work is intended as an attempt to motivate the study of properties of higher order operators arising in higher spin spaces. It is joint work with John Ryan.