An International Conference to Celebrate the Birthday of Shing-Tung Yau August 27-September 1, 2008

SASAKI-EINSTEIN GEOMETRY

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Abstract: Sasakian geometry is the odd-dimensional, and less wellknown, cousin of Kähler geometry. In this talk I shall summarise some of the recent progress on Sasaki-Einstein geometry, which includes explicit constructions, existence results, and obstructions.