1050-05-116   **Sho Suda** and **Hajime Tanaka*** (`htanaka@math.is.tohoku.ac.jp`), Graduate School of Information Sciences, Tohoku University, Sendai, 980-8579, Japan, and **Rie Tanaka**. *Dual-tight cometric association schemes.* Preliminary report.

The concept of a *tight* distance-regular graph was introduced by Jurišić, Koolen and Terwilliger. Such graphs (or metric association schemes) have a number of interesting algebraic, combinatorial and geometric properties. Motivated largely by the recent developments in the study of cometric association schemes, we introduce and discuss *dual-tight* cometric association schemes. We present several examples and characterizations, one of which involves dual-thin irreducible modules for the Terwilliger algebra. (Received March 02, 2009)