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**Natsumi Oyamaguchi\***, 1-1 Daigaku-cho, Yachiyo, Chiba 276-0003, Japan. *Trace Diagram and Biquandle Brackets.*

In this talk we introduce a method of computing biquandle brackets of oriented knots and links using a type of decorated trivalent spatial graphs we call trace diagrams. We identify algebraic conditions on the biquandle bracket coefficients for moving strands over and under traces and identify a new stop condition for the recursive expansion. In the case of monochromatic crossings we show that biquandle brackets satisfy a Homflypt-style skein relation and we identify algebraic conditions on the biquandle bracket coefficients to allow pass-through trace moves. This is a joint work with Sam Nelson. (Received January 31, 2018)