1171-57-30   **Mark C Hughes**, **Seungwon Kim** and **Maggie Miller*** (`maggie.miller.math@gmail.com`).
Bridge trisections of immersed surfaces.

In 2017, Meier and Zupan introduced bridge trisections of surfaces embedded in trisected 4-manifolds, giving a new way to describe a surface in a 4-manifold via a triple of tangles. They had earlier (2015) studied this notion in a restricted setting in the 4-sphere, proving there that bridge trisections of ambiently isotopic surfaces are related by a (de)perturbation move. Hughes, Kim, and I later (2018) showed that this uniqueness statement is also true in the general setting. In this talk, I will introduce bridge trisections of self-transversely immersed surfaces in trisected 4-manifolds, and perhaps say why again two bridge trisections of (immersed) ambiently isotopic surfaces are related by a (de)perturbation move. This is joint work with Mark Hughes and Seungwon Kim. (Received August 05, 2021)