1166-14-83   **Honghao Gao**, **Linhui Shen** and **Daping Weng*** (`wengdap1@msu.edu`). *Cluster Structures on Augmentation Varieties.*

Rainbow closures of positive braids are naturally Legendrian links. The augmentation varieties of their Chekanov-Eliashberg dga's are affine varieties over an algebraically closed field of characteristic 2. In this talk, we construct a cluster K2 structure on these augmentation varieties and show that a certain family of exact Lagrangian fillings give rise to cluster charts in a functorial way. This is based on a joint work with Honghao Gao and Linhui Shen. (Received February 13, 2021)