

Physics Colloquium

Monday, February 19, 2018 / 428 Pupin Hall / 4:15 PM

(reception immediately following)

"The Social Life of Heavy Quarks"

Marek Karliner, Tel-Aviv University

I will discuss recent developments regarding new types of hadrons involving heavy quarks: hadronic molecules, doubly heavy baryons, stable tetraquarks and others. I will also explain how the discovery of the doubly heavy baryon leads to quark-level analogue of nuclear fusion, with energy release per reaction an order of magnitude greater than in ordinary fusion.

