BOSTON UNIVERSITY GEOMETRY AND PHYSICS SEMINAR

IMMERSED SPHERES IN PHASE TROPICAL HYPERSURFACES

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April 25, 2018, 4:00 – 5:00pm
Math/Computer Science, Room 148
111 Cummington Street, Boston

Tea: 3:45pm in Room 144

Abstract: Phase tropical varieties are enhancements of tropical ones by adding coamoebas as fibers. With G. Kerr we showed that a phase tropical hypersurface is homeomorphic to the corresponding complex one. Thus one can pull back all the structure (smooth, complex, symplectic, etc) from complex hypersurface to the phase tropical. I will describe certain immersed "Langranian type" spheres as potential objects of the topological Fukaya category.

See `http://math.bu.edu/research/geom/seminar.html` or contact Yoosik Kim (*yoosik@bu.edu*) or Siu-Cheong Lau (*lau@math.bu.edu*) for more information.