DEFORMATION SPACES OF RATIONAL MAPS
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ABSTRACT

In this talk I will address topological questions about how the deformation space of a rational map embeds into Teichmüller space. It was shown in earlier work with Sarah Koch that the deformation space for a rational map in $\text{Per}_4(0)^*$ has infinitely many components. This raises the question of how to define a natural closure in augmented Teichmüller space, and whether the closure is connected. This talk will present on-going work on this problem and a solution for the $\text{Per}_4(0)^*$ case.

Wednesday, 10 October 2018
4:00 pm
Smith Hall 204
Tea and refreshments to be served at 3:45pm.

http://math.newark.rutgers.edu/~xiaowwan/Colloquium/