11th ALGA Meeting

Maresias, São Paulo, from 10/16 to 10/22.

Presenter: Kostyantyn Iusenko (USP, São Paulo, Brazil)

Title: Stable representations of bound quivers

Abstract: We investigate stable representations of bound quivers associated to the posets. Equivariant stable reflexible sheaves on toric varieties generate such representations. We study under which condition given representation of bound quiver is stable with some weight. This leads to ADE classification in the case when poset is primitive. For non-primitive case there will be finite-wild classification. This is joint work with Thorsten Weist (Wuppertall, Germany).