

Adam Mickiewicz University
Faculty of Mathematics and Computer Science

GEOMETRY AND TOPOLOGY SEMINAR

13:45 AM, Tuesday, April 17, 2018
B1-37, Collegium Mathematicum

Speaker: Urtzi Buijs (University of Malaga)

Title: Quillen rational homotopy theory reloaded

Abstract:

With the idea in mind of defining a (co)-representable realization functor for differential graded Lie algebras we have developed a homotopy theory extending classical Quillen rational homotopy. In this talk I will explain some important constructions to define this functor as the cosimplicial Lie model for the n -simplex and present some applications in different fields.