



TOPOLOGY SEMINAR

“COLOURED OPERADS AND DENDROIDAL SETS”

BY

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Abstract: We In this talk we will talk about coloured operads (also called multicategories in the literature) and their nerves. A coloured operad is to an operad what a category is to a monoid, just a many object version. The natural place to take the nerve of categories is the category of simplicial sets. For coloured operads we introduce a presheaf category called dendroidal sets and introduce a nerve construction having similar properties. Time permitting we may discuss some homotopy theoretic notes and the W -construction.

Date: April 2, 2018 Monday

Time: 13:40-14:30

Place: SA141 Mathematics Seminar Room

* Tea and cookies will be served after the talk. All are most cordially invited.