TOPOLOGY SEMINAR

Enriched model categories and the Dold-Kan correspondence

By

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Abstract: If we start with a model category enriched in simplicial abelian groups and we normalize each hom complex, what kind of structure do we obtain? In joint work with Arnaud Ngopnang Ngompé, we show that changing the enrichment along a weak monoidal Quillen pair results in a "weak" enriched model category. The main issue is that we lose the tensoring and cotensoring, but we retain a weak form thereof.

Date: April 13, Monday, 2026
Time: 13:30
Place: ZOOM

To request the event link, please send a message to cihan.okay@bilkent.edu.tr