

# METU Mathematics Special Seminar

## Exotic four-manifolds with cyclic fundamental group

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### **Abstract**

We will show methods for constructing exotic four-manifolds with fundamental group  $\mathbb{Z}_2$ , and some extensions to further cases of non-trivial fundamental groups. We also plan to point out several open questions along the way.

**Date:** Saturday, 9 May 2026

**Time:** 12:00

**Place:** Gündüz İkedda Seminar Room