



istanbul matematiksel bilimler merkezi  
istanbul center for mathematical sciences

# GEOMETRY-TOPOLOGY SUMMER SCHOOL

AUGUST 15-27, 2022, ONLINE

## *First Week*

**August 19, 11:00 - 12:30:** Craig van Coevering (Boğaziçi University)  
*Extremal Kähler metrics and the moment map*

**August 15-19, 15:00 - 16:15:** Eyüp Yalçınkaya (METU)  
*Spin(7) Geometry*

**August 15-19, 16:30 - 18:00:** Ernani Ribeiro Jr. (Universidade Federal Fluminense)  
*Four-dimensional gradient Ricci solitons*

## *Second Week*

**August 22-26, 11:00 - 12:30:** Alberto Raffero (Università degli Studi di Torino)  
*Lectures on closed  $G_2$  structures*

**August 22-26, 15:00 - 16:15:** Mustafa Kalafat (Bonn University)  
*Minimal Surfaces*

**August 25, 16:30 - 18:00:** Craig van Coevering (Boğaziçi University)  
*Extremal Kähler metrics and the moment map 2*