1145-05-619   **Satyan Devadoss*** (`devadoss@sandiego.edu`). *An Introduction to the Combinatorics of Shape: Polygons, Polytopes, and Configurations.*

We present an overview of the rich and vast world of geometric and topological combinatorics through the particular lens of polygons, polytopes, and configurations. In particular, the interplay between these three ideas will showcase the beauty and elegance of this field. The talk will be accessible to a curious audience, and heavily infused with visual imagery. (Received September 24, 2018)