

1135-F1-477      **Natasha Rozhkovskaya\*** (rozhkovs@math.ksu.edu), Department of Mathematics, Kansas State University, 138 Cardwell hall, Manhattan, KS 66506. *Teaching Mathematics in a Fine Arts Museum.*

We will describe our experience of teaching mathematics concepts to school students, undergraduate students and educators through the discussion of artworks in a gallery of a fine arts museum. We will share the examples of math topics that could be covered at such workshops, discuss the usage of digital collections of prominent world art museums and other resources in fine arts and mathematics. The talk is based on materials accumulated over eight years of collaboration between Math Circle Seminar at Kansas State University and the Marianna Kistler Beach Museum of Art (Manhattan, Kansas). (Received September 05, 2017)