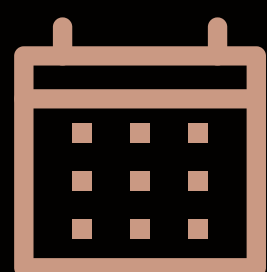# ILLUSTRATING GEOMETRY (AND TOPOLOGY)

ABSTRACT

According to Poincaré, "geometry is the art of reasoning well from badly drawn figures" [1895]. In this talk I will give an informal discussion of some famous attempts to draw mathematical figures: some more, and some less, badly drawn. I will finish by discussing some of my own work (with Henry Segerman) in this direction, attempting to use computer graphics, interactive web apps, and 3D printing to illustrate mathematics.

FRIDAY, MAY 12

US PACIFIC	9AM
US EASTERN	12PM
CENTRAL EUROPE	6PM

Featuring "Show and Ask" Presenters

Glen Whitney
Studio Infinity

Arnaud Chéritat
Institut de Mathématiques de Toulouse

SAUL SCHLEIMER
University of Warwick

Image Courtesy of Yale Peabody Museum - YPM-BC-021354

The talk will be on Zoom. Scan this QR code to join!

https://illustratingmath.org/

**Illustrating Math Seminar Online
Second Friday of Every Month**