
JIM FOWLER, OSU

Moving the Ross Mathematics Program to an online format

The Ross Mathematics Program is a six-week residential mathematics program for advanced high school students, and has run every summer since 1957. For Summer 2020, the Program was moved online. In this talk, we'll discuss the online platform "Circle Z" which was created to facilitate the transition. Circle Z integrates TeX-based chatrooms, audio chat via Mumble, various video and livestreaming solutions (Zoom, Twitch, Douyu). Each problem set is a real-time collaborative TeX editor, where students and the graders can collaboratively edit a document. The talk will reveal the current platform and suggest where such technology might be headed.