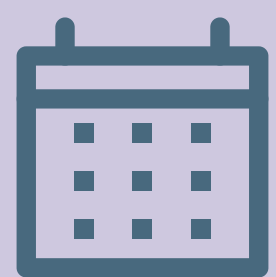


MATHEMATICAL TECHNOCRAFT

ABSTRACT

By combining mathematics, technology, and craft we can produce physical and visual artifacts that help us discover and explore new ideas. We'll discuss a range of topics from knot theory to the fiber arts, and use code, 3D printing, and vintage punch card knitting machines to create pattern generation tools and physical models that illustrate and clarify the underlying mathematics. We'll also discuss the ups and downs of design processes that include challenges that arise from intersecting mathematics, technology, and crafting.



FRIDAY, SEPTEMBER 8



US PACIFIC.....10AM

US EASTERN.....1PM

CENTRAL EUROPE.....7PM



LAURA TAALMAN

James Madison University

Featuring "Show and Ask" Presenters

Stepan Paul

North Carolina State University

Daniel Look

St. Lawrence University

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



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Second Friday of Every Month