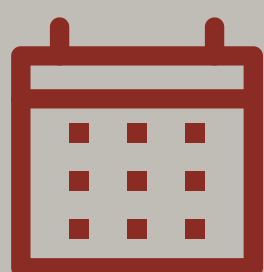


# LEGO CONSTRUCTION FOR MATHEMATICAL ARTISTS AND ARTISTIC MATHEMATICIANS

## ABSTRACT

The LEGO® system offers possibilities far beyond its core identity as a children's toy. In particular it allows for near-instantaneous experimentation with mechanisms, while at the same time allowing for sophisticated and beautiful constructions that demonstrate physical and mathematical principles. I will demonstrate this by presenting some old and new inventions and discoveries (as well as a few mysteries) involving linkages, unusual gearing, mechanical computation, recursion and more. I will also discuss practicalities of getting started with the medium as well as some of its limitations.



FRIDAY, JUNE 9



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

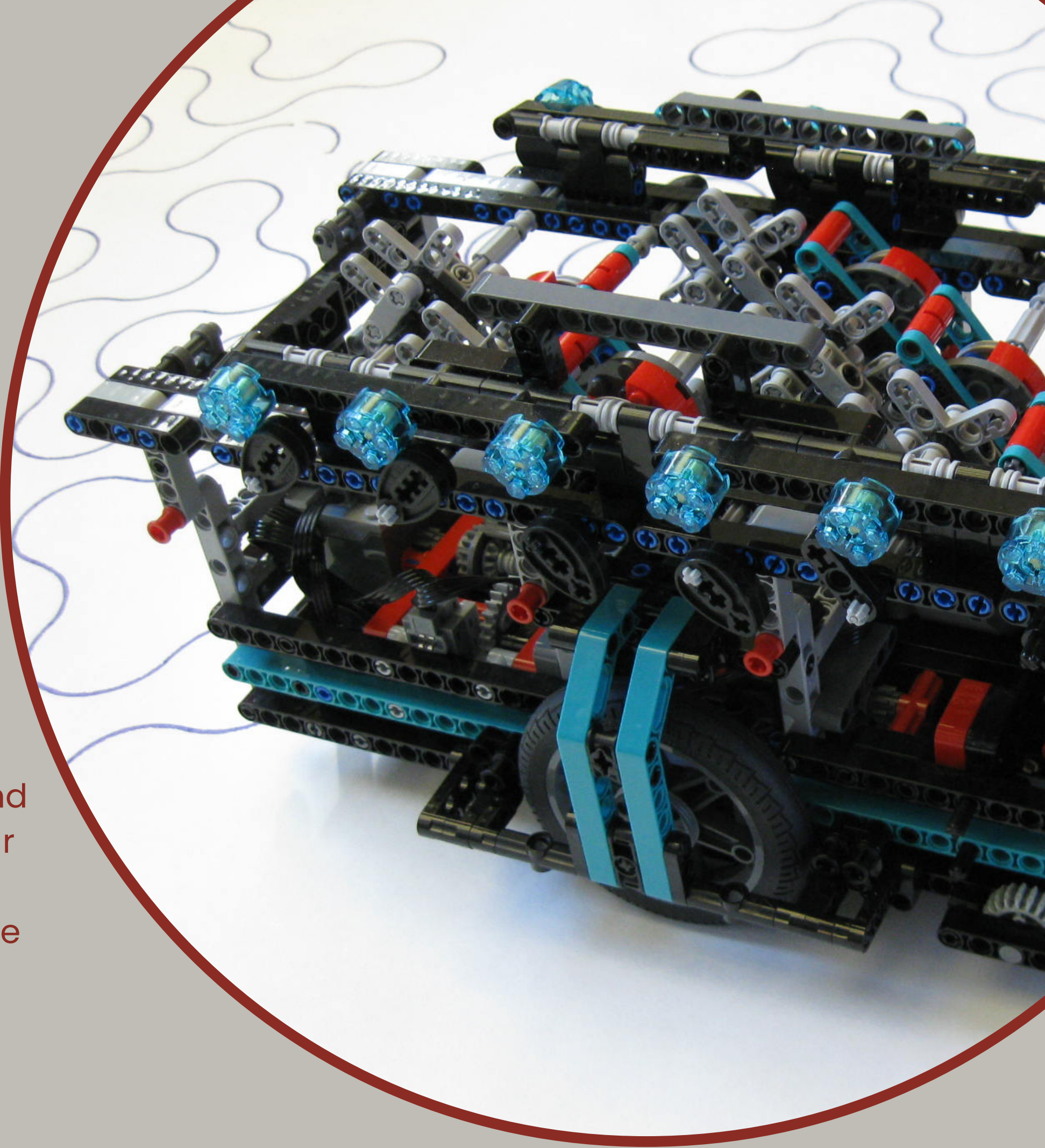
## Featuring "Show and Ask" Presenters

**silviana amethyst**

University of Wisconsin, Eau Claire

**Tashrika Sharma**

Queens Based Filmmaker



**ALEXANDER HOLROYD**  
University of Bristol

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



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