



# Mathematical Sciences 2025 Colloquium Series

**Dr. Piotr J. Wojciechowski**

**University of Texas at El Paso**



February 21, 2025, at 3:00pm  
Bell Hall Building, Room 130

and online via Zoom *Scan the QR-code to  
access the link.*



## **Transitive systems, soluble transitive graphs and their applications.**

Transitive systems can be interpreted as graphs that are directed, weighted, transitive, with the weights coming from an abelian group and obeying the triangle equality. They provide a wide research area with applications. A state of the art of this research will be presented in the talk.

**Hosted by: Dr. Emil Schwab**

For further information, please contact Dr. Emil Schwab, [eschwab@utep.edu](mailto:eschwab@utep.edu)