Giresun University
Faculty of Arts and Sciences
Department of Mathematics
Online Colloquiums – 1

Asst. Prof. Tom Cuchta

Department of Mathematics

Marshall University, Huntington, WV,USA

cuchta@marshall.edu

https://tomcuchta.com/

👉 : *Dynamic special functions*

📅 : *October 13, 2025*

🕐 : *15.00 (Istanbul Time), 08.00 (Eastern Time)*

🎥 : https://teams.live.com/meet/9382128958123?p=V5fGRKdZrs0Szx0Q1R

✂ : In this talk, we will discuss four problems on special functions and the general program of special functions on time scales. The four problems are: (i) generalize Bessel functions to time scales, (ii) solve the time scales shifting problem, (iii) oscillation of hypergeometric functions with time-varying parameters, and (iv) lower bound estimates for matrix-valued hypergeometric functions. This work is supported by National Science Foundation grant #2532829.