



## **FAMTE 2023 Virtual Symposium**

*Empowering Mathematical Minds: Promoting Equitable Outcomes and Innovation in Mathematics Teacher Education*

**Friday, November 3, 2023**

**Venue: ZOOM - Meeting ID: 939 0318 0551 Passcode: 796144**

**Symposium Facilitator: Dr. Teri Williams, NSU**

**9:30 – 10:00 am: Welcome: Dr. Hui Fang Su**

**Keynote Presenter: *Dr. India White***

Topic: Transforming Mathematics Education in the Digital Age

*TEDxSpeaker, Coauthor- National Geographic Learning/Cengage Learning/ Big Ideas learning and National Education Consultant*

Facilitator: Dr. Hui Fang Su, *FAMTE President*

**10:05 – 10:30 am: Attending to social justice to promote equitable outcomes in mathematics**

*Queshonda Kudaisi - University of North Texas, College of Education*

*Frances Harper- TPTE Director of Diversity & Inclusion*

Facilitator: Dr. Teri Williams

**10:35 – 10:55 am: Improving Students' Disposition Toward Mathematics Learning with the ARCS Model of Instruction**

*Mario Toussaint - University of Florida*

Facilitator: Dr. Queshonda Kudaisi

**Break**

**11:05 – 11:30 am: Using GeoGebra to Develop a Conceptual Understanding of Geometrical Concepts**

*Ruthmae Sears, Aizhan Bakytbek, Gulziya Kurmankan, & Chuqian Song  
University of South Florida*

Facilitators: Dr. Teri Williams & Dr. Sandra Trotman

**11:35 – 12:00 pm: Using coding to support the mathematical practices**  
*Cynthia Castro-Minnehhan & Sandra Vernon Jackson - University of South Florida*

Facilitator: Dr. Dana Fredebaugh & Dr. Claudia Bonilla

**Lunch Break**

**12:30 – 12:55 pm: Reconceptualizing professional development in response to these ever-changing contexts**

*Taylor Bainter & Chris Engledowl – University of Florida*

Facilitator: Dr. Queshonda Kudaisi

**1:00 – 1:25 pm: Relevant mathematics tasks**

*The 4 Connections-Online Classroom Practices - Mesgana Hawando - Nova Southeastern University*

Facilitator: Dr. Cynthia Castro-Minnehhan

**1:30 – 1:55 pm: Addressing achievement gaps by implementing culturally relevant pedagogy.**

*Travis Roberson - Nova Southeastern University*

Facilitator: Dr. Sandra Trotman

**2:00 – 2:25 pm: Impact Florida's first learning network for secondary math teachers: The Solving with Students Cadre**

*Kelly Zunkiewicz - Impact Florida*

Facilitator: Dr. Teri Williams

**2:30 – 2:55 pm: Upcycling to Create Math Teaching Materials**

*Dana Fredebaugh – Nova Southeastern University*

Facilitator: Dr. Claudia Bonilla

**3:00 – 3:25 pm: Current and Future MTE Preparation for Social Justice**

*Queshonda Kudaisi - University of North Texas, College of Education  
Cynthia Castro-Minnehhan - TPTE Director of Diversity & Inclusion*

Facilitator: Dr. Claudia Bonilla & Dr. Teri Williams - Nova Southeastern University

**3:30 – 4:00 pm: Closing remarks**

*Dr. Sandra Trotman & Dr. Teri Williams*

Thank You

**Symposium Contacts:**

**Dr. Sandra Trotman, Program Chair**

**Dr. Angie Su, President, and Program Co-Chair**

**Join us at the FDLA/FAMTE 2024 Conference - February 7th – 9th, 2024.  
!K-12 presenters are encouraged!**