

**Eleventh Texas–Oklahoma Representations and
Automorphic Forms Conference (TORA XI)**

Department of Mathematics
Oklahoma State University
Stillwater, Oklahoma

SCHEDULE OF LECTURES

All lectures are in MSCS 101.

FRIDAY, April 1, 2022

- 2:00–3:20 PM Registration (outside MSCS 101)
3:30–4:30 PM OSU Departmental Colloquium/TORA Lecture
Sug Woo Shin, University of California, Berkeley
Title: Points on Shimura varieties modulo primes
4:30–5:00 Reception (MSCS 423)

SATURDAY, April 2, 2022

- 9:00–10:00 AM Pramod Achar, Louisiana State University
Title: The Humphreys conjecture on cohomology of Frobenius kernels
10:00–10:45 AM Scott Larson, University of Georgia
Title: A Categorification of the Lusztig-Vogan Module
10:45–11:15 AM *Refreshments*
11:15–12:00 PM Ayan Maiti, Oklahoma State University
Title: Weyl's Law for Cusp Forms of Arbitrary K_∞ -type
12:00–2:00 PM Lunch
2:00–3:00 PM Tasho Kaletha, University of Michigan
*Title: Characterization and construction of the local Langlands
correspondence for supercuspidal parameters.*
3:00–3:45 PM Kwangho Choiy
Title: On arithmetic aspects in discrete series of p -adic groups
3:45–4:00 PM *Refreshments*
4:00–4:45 PM Anne Shepler, University of North Texas
Title: Invariant derivations and differential forms for reflection groups
5:00–6:00 PM Speed TORA session
6:30–8:30 PM Conference Dinner, Hideaway Pizza (S. Knoblock Street)

SUNDAY, April 3, 2022

- 9:00–10:00 AM Kim Klinger–Logan, Kansas State University
Title: Graviton scattering and automorphic forms
10:00–11:15 AM *Poster Session and Refreshments*
11:15–12:00 PM Sug Woo Shin, University of California, Berkeley
Title: Points on Shimura varieties modulo primes, II