

PUNDiT: Practicum for Undergraduates in Number Theory

Saturday October 21, 2023

- 8:00–8:50 *Check-In/Breakfast (Hosted by IPAM)*
- 8:50–9:00 *Welcome and Introductions*
- 9:00–10:00 **Rosa Orellana** (Dartmouth College)
Expository Talk: Chromatic Polynomials
- 10:00–11:00 **Edray Goins** (Pomona College)
A Survey of Diophantine Equations
- 11:00–12:00 *Problem Session #1*
- 12:00–1:00 *Lunch (Hosted by IPAM)*
- 1:00–2:00 **Edray Goins** (Pomona College)
Pell's Equations and Continued Fractions
- 2:00–3:00 *Problem Session #2*
- 3:00–3:30 *Break*
- 3:30–4:30 **Lori Watson** (Trinity College)
Expository Talk: Introduction to the Hasse Principle
- 4:30–5:30 *Professional Development Session #1*

Sunday October 22, 2023

- 8:00–8:40 *Check-In/Breakfast (Hosted by IPAM)*
- 8:45–9:45 **Anthony Várilly-Alvarado** (Rice University)
Expository Talk: The Geometry behind Fermat's Last Theorem
- 9:45–10:00 *Break*
- 10:00–11:00 **Edray Goins** (Pomona College)
From Pendula to Elliptic Curves
- 11:00–12:00 *Problem Session #3*
- 12:00–1:00 *Lunch (Hosted by IPAM)*
- 1:00–2:00 **Cris Negron** (University of Southern California (USC))
Expository Talk: Fun Times with Algebraic Groups
- 2:00–3:00 *Professional Development Session #2*



IPAM strives to provide an inclusive environment free of harassment. IPAM does not tolerate sexual harassment, other forms of harassment, or sexual assault. Please familiarize yourself with our community agreement which includes instructions on reporting incidents by using the QR code to the right.

