



KITP Teachers' Conference:
Teachers' Conference: Supermassive Black Holes and their Destructive Tidal Forces
Apr 27, 2024
Coordinator: Kate Alexander



[Overview](#) | [talks](#) | [Podcast](#) | [Schedule](#) | [PDF Schedule](#) | [Research Conference](#)

Saturday, Apr 27, 2024

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|---------|---|---|
| 9:00am | Lars Bildsten (KITP) | Welcome[Video] |
| 9:10am | Kate Alexander (U Arizona/Steward Observatory) | Introduction[Slides][Video][CC] |
| 9:25am | Eric Coughlin (Syracuse) | Physics relevant to black holes[Video][CC] |
| 10:25am | | Morning Break |
| 10:55am | Brenna Mockler (Carnegie Obs) | Lighting up Supermassive Black Holes with TDEs[Slides][Video][CC] |
| 12:00pm | | Lunch Break |
| 1:30pm | Kausik Das (UMES) | Unraveling Misconceptions in Physics: From Friction Fundamentals to the role of Quantum Mechanics in Gecko Adhesion[Video][CC] |
| 2:00pm | Decker French (UIUC) | Discovering TDEs with visible light[Slides][Video][CC] |
| 3:00pm | | Afternoon Break |
| 3:30pm | Adelle Goodwin (Curtin U) | Black holes as messy eaters: radio observations of jets and outflows launched by accreting black holes[Slides][Video][CC] |
| 4:30pm | CONFERENCE END, SHUTTLE TO BWSCI, SB Airport, and SB Airbus, Goleta location. Sign up at the registration desk during a break. | |