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CONTACT INFORMATION

- **Administrative Contact**

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Bio

ACADEMIC APPOINTMENTS

- Associate Professor, Physics

Teaching

COURSES

2026-27

- Quantum Field Theory III: PHYSICS 332 (Spr)

Publications

PUBLICATIONS

- **An apologia for islands** *JOURNAL OF HIGH ENERGY PHYSICS*
  Antonini, S., Chen, C., Maxfield, H., Penington, G.
  2025

- **Out-of-time-order operators operators and the butterfly effect** *ANNALS OF PHYSICS*
  Cotler, J. S., Ding, D., Penington, G. R.
  2018; 396: 318–33