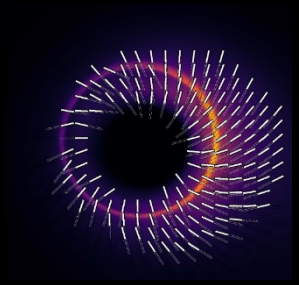

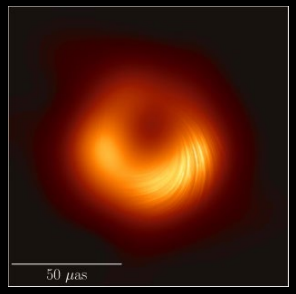

PCTS Virtual Conference:

Polarized Radiation Near Supermassive Black Holes

May 10-13, 2021

Organizing Committee
Andrew Chael (Princeton); Jason Dexter (UC Boulder); Alejandra Jiménez-Rosales (MPE/Radboud); Michael Johnson (Harvard); Lia Medeiros (IAS); Monika Mościbrodzka (Radboud University)

Recent images of the polarized emission around the supermassive black hole M87* capture by the Event Horizon Telescope (EHT) have significantly constrained the characteristics of the plasma and magnetic field near the event horizon. Going forward, polarized images will be powerful tools for constraining the near-horizon magnetic field structure, probing plasma composition and dynamics, and testing General Relativity near supermassive black holes. This workshop will bring together experts in accretion physics, relativity, and plasma physics in an attempt to share information across disciplines and develop new ideas for understanding the environment just outside the black hole event horizon using polarized light.

Speakers

Roger Blandford
Denise Gabuzda
Henric Krawczynski
Monika Moscibrodzka
Feryal Ozel
Eliot Quataert
Lorenzo Sironi

Free, but REQUIRED REGISTRATION is available HERE.

Zoom link will be provided after registration.

Information can be found on line at http://pcts.princeton.edu

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