



PRINCETON CENTER FOR THEORETICAL SCIENCE

400 Jadwin Hall, Princeton University, Princeton, New Jersey 08544
General Office Tel: 609.258.1398 Fax: 609.258.7203 pcts.princeton.edu

Polarized Radiation near Supermassive Black Holes 10-13 May 2021

Tuesday, May 12, 2021

Moderator: Jason Dexter

Henric Krawczynski

X-ray Spectropolarimetric Observations of Mass-Accreting Black Holes with IXPE and XL-Calibur

https://princeton.zoom.us/rec/share/Gb43EeFowKplqJQ1WlkxTxwZdWO-A2AbaxyS0nZMI7Gnd8u6QsqOu1ldOFE6orSU.c0hfZnO_S9KOvO0O?startTime=1620824569000

Ilaria Caiazzo

The effect of magnetic fields on the X-ray polarization from black holes

https://princeton.zoom.us/rec/share/Gb43EeFowKplqJQ1WlkxTxwZdWO-A2AbaxyS0nZMI7Gnd8u6QsqOu1ldOFE6orSU.c0hfZnO_S9KOvO0O?startTime=1620827414000

Koushik Chatterjee

Tracking jets from birth to adulthood using GRMHD simulations

https://princeton.zoom.us/rec/share/Gb43EeFowKplqJQ1WlkxTxwZdWO-A2AbaxyS0nZMI7Gnd8u6QsqOu1ldOFE6orSU.c0hfZnO_S9KOvO0O?startTime=1620828784000

Posters

https://princeton.zoom.us/rec/share/Gb43EeFowKplqJQ1WlkxTxwZdWO-A2AbaxyS0nZMI7Gnd8u6QsqOu1ldOFE6orSU.c0hfZnO_S9KOvO0O?startTime=1620830066000

Moderator: Vladimir Zhdarnkin

Roger Blandford

Nature or Nurture? The Roles of Rotation and Accretion in M87”

https://princeton.zoom.us/rec/share/Gb43EeFowKplqJQ1WlkxTxwZdWO-A2AbaxyS0nZMI7Gnd8u6QsqOu1ldOFE6orSU.c0hfZnO_S9KOvO0O?startTime=1620831768000

Benjamin Crinquad

Synthetic observables from black-hole magnetospheres

https://princeton.zoom.us/rec/share/Gb43EeFowKplqJQ1WlkxTxwZdWO-A2AbaxyS0nZMI7Gnd8u6QsqOu1ldOFE6orSU.c0hfZnO_S9KOvO0O?startTime=1620834888000

Matt Kunz

Turbulence and Particle Heating in High-Beta Collisionless Plasmas

https://princeton.zoom.us/rec/share/Gb43EeFowKplqJQ1WlkxTxwZdWO-A2AbaxyS0nZMI7Gnd8u6QsqOu1ldOFE6orSU.c0hfZnO_S9KOvO0O?startTime=1620836183000