

Seminarium Astrofizyczne

wtorek 23.11.2021 godz. **12:30**

<https://www.gotomeet.me/NCBJmeetings/seminarium-astrofizyczne>

ID 349-387-373 Password: AstroSemi

Agnieszka Janiuk

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Magnetically arrested accretion flows near the black hole horizon

Magnetically arrested accretion flows are thought to fuel some of the supermassive black holes and to power their relativistic jets. We investigate observational signatures of strong magnetic fields using numerical, high resolution and long duration simulations of magnetically dominated flows. We study the structure and time variability of jets launched from the spinning black holes. We also calculate and study the linear and circular polarimetric images of the near horizon regions, for a non-rotating black hole.

Serdecznie zapraszam,
Agnieszka Majczyna