**Corrected a title and an abstract**

**Seminarium Astrofizyczne**

wtorek 14.12.2021 godz. 12:30

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

Password: AstroSemi

**He Gao**

(Department of Astronomy, Beijing Normal University)

**What can electromagnetic signals help in the age of gravitational wave astronomy**

On 2017 August 17, the LIGO-Virgo scientific collaboration for the first time detected a gravitational wave (GW) signal from a binary neutron star (NS) merger event (i.e., GW170817). Multi-wavelength electromagnetic (EM) counterparts to GW170817 have also been detected. In this talk, I will briefly review what EM observations can help in the age of GW-led multi-messenger astronomy, in three different situations: 1) joint detection case; 2) Only GW detection case; 3) Only EM detection case.

 Serdecznie zapraszam,

 Agnieszka Majczyna