**Seminarium Astrofizyczne**  
wtorek 05.12.2023 godz. 12:30  
ul. Pasteura 7, sala 404

transmisja on line  
<https://meet.goto.com/NCBJmeetings/seminarium-astrofizyczne>  
Password: AstroSemi

**Zong-Hong Zhu**

(Beijing Normal University and Wuhan University)

**Cosmology in DECIGO Era**

After a brief review of DECIGO, I start with applications to cosmology of standard sirens obtained by DECIGO in future, such as testing cosmic opacity, measuring universe curvature and etc. Next, I discuss the event rate of strong lensing of gravitational waves and a special phenomenon named beat pattern for DECIGO and their abilities to constrain cosmological parameters. Finally, we prospect the future developments.

Serdecznie zapraszam,  
Prasad Sawant, on behalf of the SOC