

專題演講

Cosmic Gamma-Ray Bursts and their effects in the ionosphere and atmosphere

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Time : 108 年 11 月 22 日 星期五 15:00-17:00

Place : 健雄館(科四館) S4-917 教室

摘要/Abstract :

Gamma-Ray Bursts are known as most powerful catastrophes in the Universe observable by us from cosmological distances. Short duration Gamma-Ray Bursts are also known as an electromagnetic counterparts of gravitational wave transients (registered by LIGO/Virgo gravitational wave detectors) resulting from binary neutron star mergers. A little known an influence of the GRBs onto ionosphere and atmosphere. We describe the phenomenology of the event, origin of the GRBs and discuss influence of GRB on the ionosphere and possible influence of GRBs onto isotopic abundance of the atmosphere.

※歡迎聽講※

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