

**E137-001**

**Room: 201B**

**Time: May 14 9:00-9:20**

## Space Weather forecast and SOLAR-B

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Solar-B spacecraft is scheduled to be launched on the September of 2006. It carries grazing incidence X-ray telescope, EUV imaging spectrometer and visible light telescope. The performance of these telescopes considerably exceeds existing instruments in orbit. We also expect strong synergy of these instruments to observe both the magnetic fields and its corona consequences. We stress that algorithm for space weather forecast can be established only through basic research on the sporadic energy release ranging from major solar flares to ubiquitous pico-flares with SOLAR-B.