

CNES

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Research Topics:

Propagation for Satcom, GNSS, space radars

Propagation experiments, propagation modelling, propagation effect mitigation

- Ionospheric propagation for GNSS and satellite links:

frequencies < 5 GHz, from HF to C bands

- Mobile propagation for Satcom and GNSS:

centimetric frequencies, from UHF to Ka bands

- **Tropospheric propagation for Satcoms, Earth observation data downlinks,**

atmosphere remote sensing: high frequencies, from C to W bands

- Optical propagation for Satcoms



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Research Topics:

Propagation for Satcom, GNSS, UAVs, terrestrial coms, radars, electronic warfare

Propagation experiments, propagation modelling, propagation effect mitigation

- Ionospheric propagation for GNSS and satellite links:

frequencies < 5 GHz, from HF to C bands

- Mobile propagation for Satcom and GNSS:

centimetric frequencies, from UHF to Ka bands

- **Tropospheric propagation for Satcoms, Earth observation data downlinks, atmosphere remote sensing:**

- Terrestrial and low-altitude propagation for telecommunications and radar:

- Optical propagation for Satcoms, UAV and terrestrial links

(Optical department: DOTA)



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Research Topics:

Propagation for Satcom, GNSS, terrestrial coms

Propagation modelling

- Ionospheric propagation for GNSS and satellite links:

frequencies < 5 GHz, from HF to C bands

- **Tropospheric propagation for Satcoms, atmosphere remote sensing:**

high frequencies, from C to W bands