



## Orekit Day roundtable

Orekit PMC: Paul Cefola (University Buffalo), Frank Dreger (ESOC), Nicolas Frouvelle (CS), Hank Grabowski (ADS), Sébastien Herbinière (TAS), Stéphanie Lizy-Destrez (ISAE), Luc Maisonobe (CS), Guillermo Ortega (ESTEC), Pascal Parraud (CS), Evan Ward (NRL)



# PMC suggested topics

- Continue trend towards high accuracy
- GNSS features (including PPP)
- Solar activity feeds
- DSST orbit determination
- Field-based orbit determination
- Tighter integration of fields
- Albedo and infrared radiation force models
- Improved handling of ephemeris files
  - covariances, .e files, frames mapping
- Improve data loading
  - multiple EOP, database
- Events detections on planets
- One Line Elements Sets