

# ESA NEO and Debris Detection Conference - Exploiting Synergies



SST and NEO have common interest especially in areas for instrumentation, data processing, astrodynamics!

- Venue: **ESOC, Darmstadt/Germany**
- Date: 22-24 Jan 2019
- **Open** scientific conference inviting international contributions as oral or poster presentation with mandatory papers
- **no parallel sessions**

NB: 2011 “European Space Surveillance Conference”  
Plan to repeat after 4years, keeping coordination with well-established conferences, such as European Conference on Space Debris



“save-the-date” 23<sup>rd</sup> Feb 2018  
pre-registration from April 2018  
abstract deadline 1<sup>st</sup> Oct 2018  
[contact@neo-sst-conference.com](mailto:contact@neo-sst-conference.com)



## Conference topics

The conference will address major NEO and SST topics

- Observation strategies - technology improvements of radar, passive optical, and laser systems
- Instrumentation component developments (CCDs, CMOS, ...)
- New telescope and radar projects (e.g. fly-eye telescope)
- Space-based observation concepts
- Space surveillance system architectures and applications
- Detection systems for fireball and other events
- Orbit prediction and determination
- On-orbit and re-entry risk assessments
- Data processing concepts
- Data exchange mechanisms and standardisation