

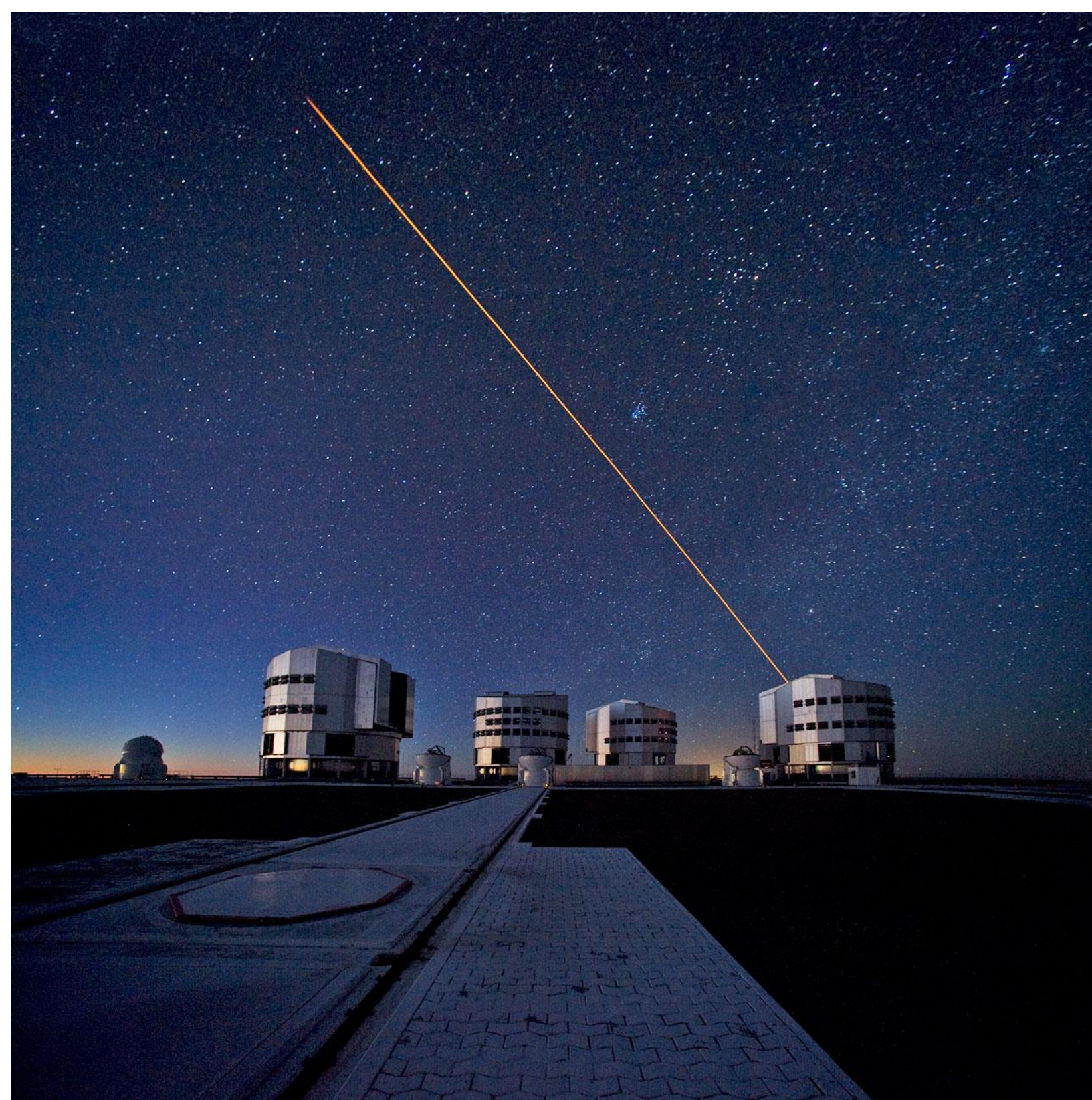


# Big Science Software Specialists

[www.observatorysciences.co.uk](http://www.observatorysciences.co.uk)

Observatory Sciences Ltd (OSL) is a UK company specializing in **software development** for astronomy and particle physics. Since 1998 we have worked with facilities to provide the software to control the hardware delivering their science.

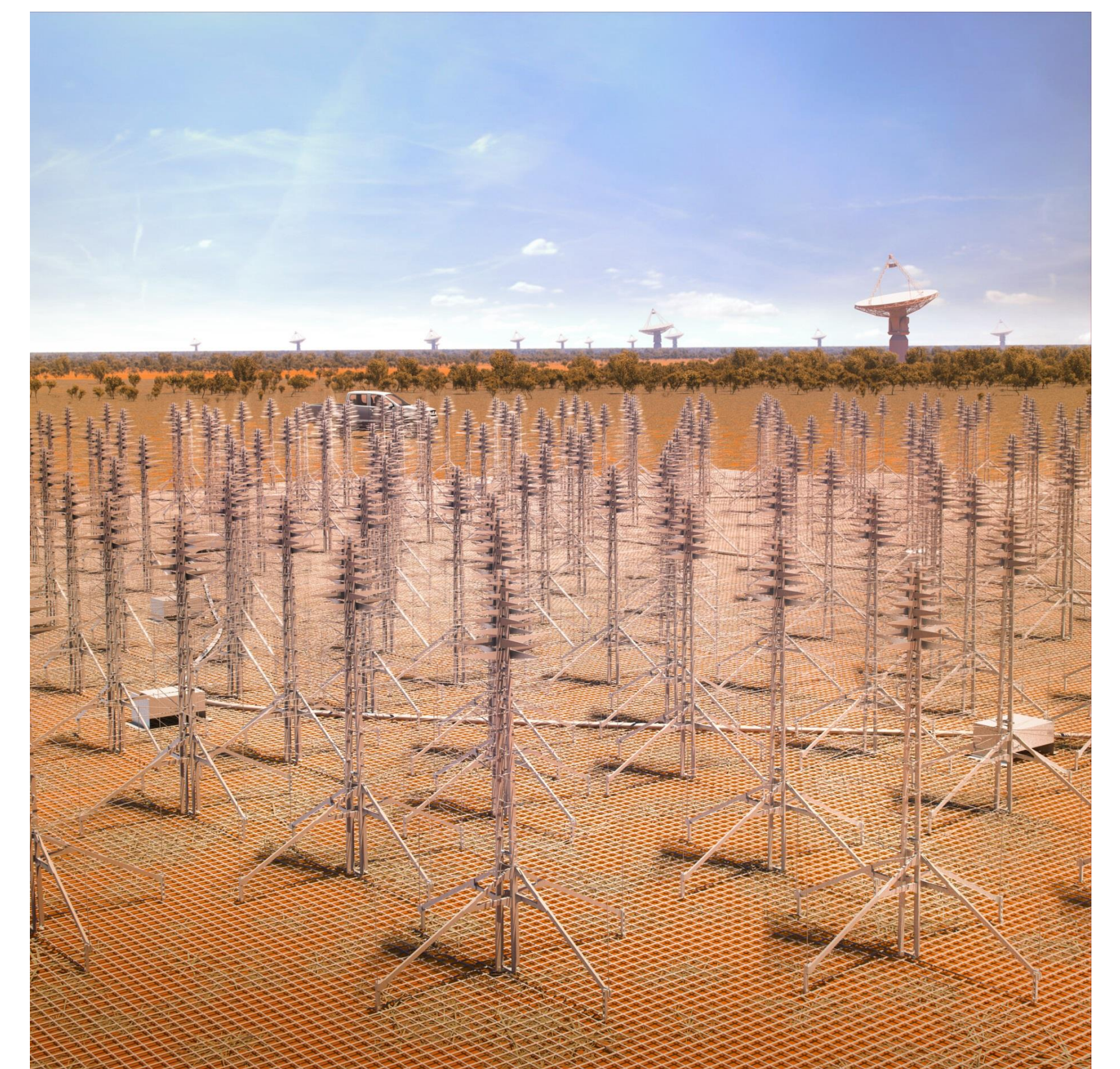
## Examples of our current contracts



### Maintenance of the VLT/VLTI Software Infrastructure

- Working with ESO engineers to ensure the core software powering ESO's telescopes and instruments continues to be world-class
- Programming the full-stack of the ESO VLT/VLTI core control software used for development and operations
- E.g. Instrument (fieldbus over OPCU) & Technical Detector Control Software (TDCS) migrated to open-source libraries – increasing hardware compatibility and therefore providing greater choice

Picture credit: ESO/[ESO Photo Ambassador](#) Serge Brunier



### SKA Low-Frequency Antenna Array Monitoring, Control & Calibration System

- Framework contract to provide software engineers embedded into project team
- Carrying out software design, implementation, test and documentation using the Scaled Agile Framework (SAFe)
- Producing part of a complex monitoring and control software system in charge of the overall data acquisition of the telescope

Picture credit: SKA



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