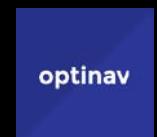


Full Scale Demonstration of Debris Capturing with Deployable Nets



Stam

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SKA Polska



Net simulator 4 e.deorbit



Validation & Demonstration



Simulator: applications



Simulator: reloaded

Scaling-up

Demostration
& Validation

ADREEN



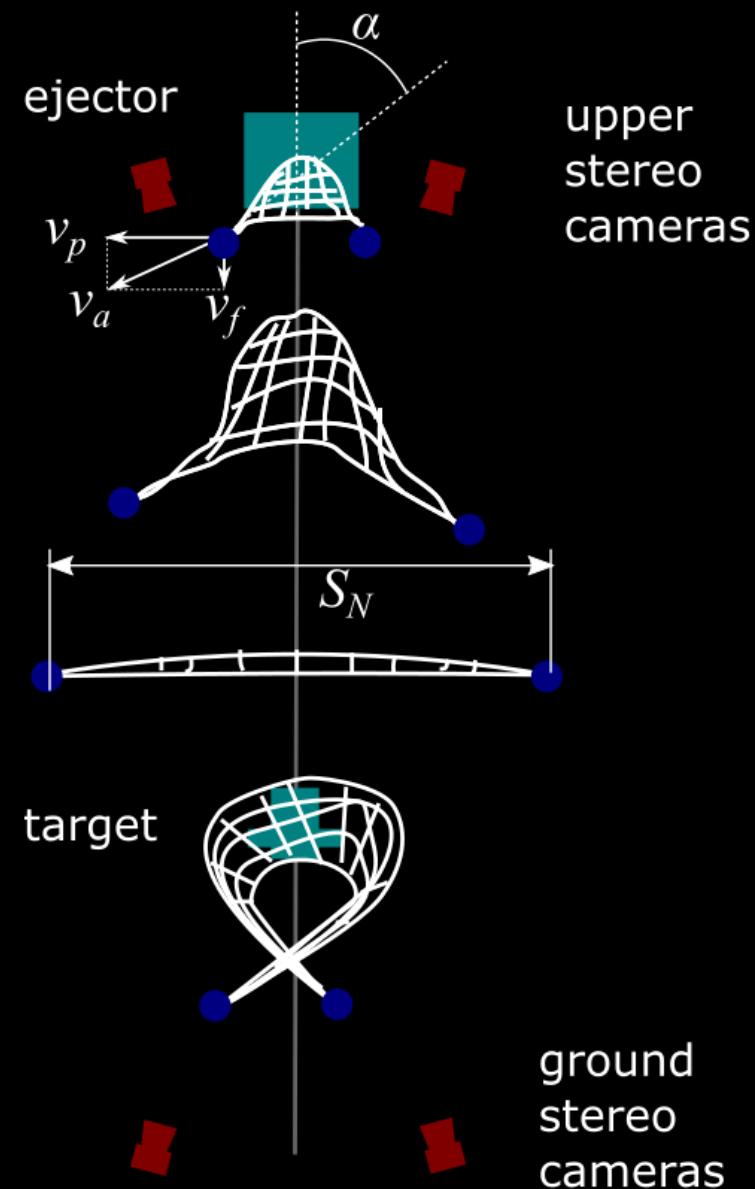
Orbit cleaning services



Scaling-up & Validation

- 2 net types and targets
- 3 velocities
- 3D tracking
- Accelerometer

- Flight and unfolding
- Self-bounce
- Tether unwinding
- Wrapping start dynamics
- Extrapolation with simulation
- Packing procedure



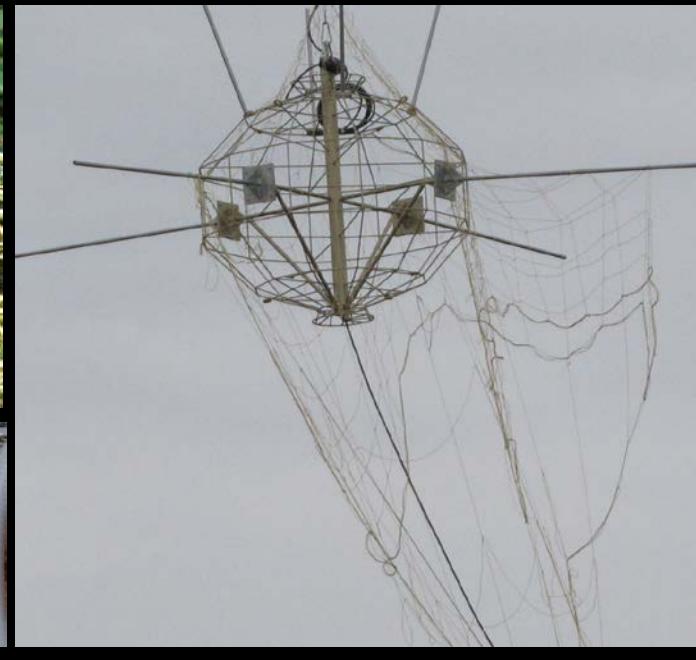
Demonstration: free fall



Demonstration: free fall

Demonstration





Conclusions



ADRÉN



H2020 project (GA n. 666758),
financed by the EC
through the SME Instrument.

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