

Cosmic Vision Technology Test Vehicle

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Activity Title:

- a) Front-end readout ASIC technology study and development test vehicle for front-end readout ASICs
- b) Radiation tolerant analogue/mixed signal technology survey and test vehicle design

Budget:

- a) 625 k€
- b) 725 k€

Program Line: CTP

- a) AO/1-6345/09/NL/AF
- b) AO/1-6346/09/NL/AF

Duration: 72 months

Kick Off Date: 1/Oct/2010

TO: Richard Jansen (TEC-EDM)

Prime: Arquimea (ES)

Subcontractors: IMB-CNM (ES), IMEC (B), IMSE-CNM (ES), TRAD (F), UC3M (ES), UPC (ES), USE (ES)

Main Objectives:

- a) Study to identify suitable technologies for front-end readout electronics for TID, DD and SEE environment of Laplace/Tandem
- b) Study to identify suitable analogue/mixed signal technology for 1Mrad radiation tolerance (Juice) mission requirement



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