

Short description written by each ESR and ER

Project acronym: **ELSA**
Project ID (6 digits): **033481**
Project Participant: **Leiden Observatory**

You			Your stay in the network				
NAME, first name	Nationality	Previous place of work/education	Start date	Duration (months)	Category ESR/ER	Place	Country
RISQUEZ, Daniel	Spanish	Madrid, Spain	July 1, 2008	24	ER	Leiden Observatory	The Netherlands

Scientific Background:

- Previous employer: LAEFF-INTA (Space Astrophysics and Fundamental Physics Laboratory – National Space Institute), in Madrid, Spain. 5 years as a technician in the project OMC-INTEGRAL (Optical Monitoring Camera on-board INTEGRAL satellite).
- PhD in astrophysics at LAEFF-INTA. 2008.
- Bachelor's degree in physics at UCM (Universidad Complutense de Madrid, Madrid, Spain). 2002.

Responsibilities in the Network:

- To collaborate with the Gaia Attitude Model (GAM). GAM is a simulation that is being developed to achieve a better understanding of the satellite attitude. The main goal of Gaia mission is to obtain extremely accurate astrometry, and this implies to have a good knowledge of the satellite behaviour as a spinning rigid solid body.
- To train or supervise young students (not yet carried out).
- To write papers and technical documentation about GAM project.

Experiences:

- Participation Scientific Meetings :
- ELSA workshop on Software Engineering and Numerics, held in Barcelona (Spain), 1-5/September .
- CU2 Cycle 6 kick-off meeting, held in Besancon (France), 23-24/October .
- Working Visits Abroad (collaborating with another ELSA node):
- Cambridge Institute of Astronomy, Cambridge (UK), 11-15/August.
- Cambridge Institute of Astronomy, Cambridge (UK), 9-22/November .
- Scientific Publications :
- Technical documentation in Gaia project about 'Gaia Attitude Model: Solar Radiation' .