

Raúl Gutiérrez-Sánchez

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EDUCATION:

University of Cantabria, Spain	Graduated in Telecommunication Engineering.
University of Cantabria, Spain	Postgraduate course: "Software Development for Industrial Environment: Concurrent and Real Time Programming".
Official Languages School, Spain	4 out of 5 levels completed in English language.

SKILLS/ACHIEVEMENTS:

Computer skills:	<ul style="list-style-type: none">- Database:<ul style="list-style-type: none">- Advanced knowledge in development and administration of relational databases.- SQL, 4GL.- Sybase Power Designer development tool.- Internet programming<ul style="list-style-type: none">- JSP-JAVA.- PHP- JavaScript.- Informix Web Integration Option and Data Director for Web.- JAVA, C, PERL, ADA, DBASE, VHDL- Installation and maintenance of computer networks.- ADS, Matlab, SPICE, MMICAD, Autocad.- Adobe Photoshop 7.0.
Languages:	<ul style="list-style-type: none">- Spanish: Native Speaker.- English: Advanced level in speaking and writing.

WORK EXPERIENCE:

(February 2002 – Nowadays) LAEFF – Responsible of the development and administration of the database systems for the INES, GAUDI, MMDSL and OMC projects.

- Designing, implementing and maintaining complex astronomical databases.
- Designing of web interfaces for accessing astronomical databases.
- Developing software tools for astronomical archives.

(March 2000 – December 2000) Semicrol - University of Cantabria
(9 months grant developing a SW system)

- Using modern technologies in database developing and Internet access.
- Designing, implementing and maintaining a complex relational database.
- Programming a dynamic content Web application.
- Administrating a network under Windows NT and Unix.

COURSES AND SEMINARS:

- "International Virtual Observatory Alliance Interoperability Meeting". Institute of Astronomy, University of Cambridge, May 2003.
- "Mundo ORACLE 2003". Madrid, February 2003.
- "Toward an International Virtual Observatory". European Southern Observatory, Garching b. München, June 2002.

CONTRIBUTIONS TO CONGRESSES:

*Authors: Solano E., **Gutiérrez R.***

Title: The GAUDI database. A progress report.

Presentation type: Oral

Congress: IV COROT Science Week

Proceeding: ESO Astrophysics Symposia

Place : Marseille (France)

Date: June 2003

*Authors: Solano E., **Gutiérrez R.**, Catala C. and the COROT G/B Seismology Working Group*

Title: GAUDI: a data server for the COROT ground-based observations of the Astroseismology Programme and its application to the EDDINGTON mission.

Presentation type: Poster

Congress: 2nd Eddington Workshop “Stellar-structure and habitable planet finding”

Proceeding: ESA-SP Series

Place : Palermo (Italy)

Date: April 2003

*Authors: Solano E., **Gutiérrez R.**, Montesinos B., Morales C., García J.,*

Title: Development of a multi-mission data server at LAEFF

Presentation type: Oral

Congress: V Scientific Meeting of the Spanish Astronomy Association

Proceeding: Highlights of Spanish Astrophysics (III) Kluwer Academic Publishers. (p. 404)

Place : Toledo (Spain)

Date: September 2002

*Authors: Solano E., **Gutiérrez R.**, Montesinos B., Morales C., García J., Sanz L.*

Title: Educational activities using spectroscopy: the case of the INES Archive

Presentation type: Oral

Congress: Global Hands-on Universe

Proceeding:

Place : Paris (France)

Date: July 2002

*Authors: Solano E., **Gutiérrez R.**, Montesinos B., Morales C., García J., Sanz L.*

Title: Development of a multi-mission data server at LAEFF

Presentation type: Poster

Congress: ESO/ESA/NASA/NSF Conference “TOWARD AN INTERNATIONAL VIRTUAL OBSERVATORY”

Proceeding: ESO Astrophysics Symposia

Place : Garching bei Munchen (Germany)

Date: June 2002
