



## Lisandro Damián Nicanor Pérez Meyer

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### PERSONAL INFORMATION

*Names:* Lisandro Damián Nicanor    *Surnames:* Pérez Meyer  
*Nationality:* Argentine    *Marital status:* married, we have one daughter  
*Birth day:* 13th July 1982    *Birthplace:* Coronel Suárez, Buenos Aires, Argentina

### CONTACT INFORMATION

Alsina 819 2ºB    *Cell phone:* ++54 9 291 4606650  
B8000    *Telephone/Fax:* ++54 291 4309324  
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### EDUCATION

**Universidad Nacional del Sur**, Bahía Blanca, Buenos Aires, Argentina.

Grade studies, Electronic engineer, Junio de 2009.

Escuela de Educación Técnica N°1, Coronel Suárez, Buenos Aires, Argentina.

Secondary (high school), Electro-Mechanic technician, plan 298/73.

### LANGUAGES

**English:** reads, writes, understands, speaks fluently.

Certifications:

- University of Cambridge's First Certificate in English, with grade B qualification.

Studies:

- 2002: University of Manchester Institute of Science and Technology's English Language Teaching Centre (UMIST ELTC). Gateway Programme, language level: lower advanced. A total of 84 hs.
- 1995-2001: Instituto de Cultura Inglesa, Coronel Suárez.
- 1990-1995: Instituto Green Hills, Coronel Suárez.

**Francés:** reads, understands, speaks.

Certifications:

- Certificado A1 – Expression générale con calificación final de 14,71/20.
- Certificado A2 – Expression des Idées et des sentiments con calificación final de 14,25/20.
- Alianza Francesa – Teset level II equivalent to a minimum of 360 hours of learning.

Studies:

- 1996-2000: Alianza Francesa de Coronel Suárez.

### ACTUAL POSITION

Profesional superior de apoyo a la investigación, Comisión de Investigaciones Científicas de la provincia de Buenos Aires (CIC) working for Laboratorio de Micro y Nano Electrónica (LMNE), part of Grupo de Investigación de Sistemas Electricos y Electromecánicos (GISEE), Universidad Nacional del Sur.

PUBLICATIONS	<p>Exploring UltraSPARC T2 Processor Parallel Processing Capabilities in Video Streams. Javier Iparraguirre, Claudio Delrieux, Lisandro Pérez Meyer, Adrián Rostagno (Universidad Nacional del Sur, Laboratorio de Ciencias de las Imágenes, Bahía Blanca, Argentina; Universidad Tecnológica Nacional, Facultad Regional Bahía Blanca, Bahía Blanca, Argentina). (3355-3358). <i>3rd High-Performance Computing Symposium (HPC), 39 Jornadas Argentinas de Informática (39 JAIIO)</i>, Argentina, Setiembre 2010.</p> <p>Automatic Real Time Key-frame Detection in Video Stream Using SURF Algorithm. Javier Iparraguirre, Claudio Delrieux, and Lisandro Pérez Meyer. Departamento de Ingeniería Eléctrica y de Computadoras. Instituto de Investigaciones en Ingeniería Eléctrica - IIIE (UNS-CONICET) Universidad Nacional del Sur. (1610-1613). <i>3rd High-Performance Computing Symposium (HPC), 39 Jornadas Argentinas de Informática (39 JAIIO)</i>, Argentina, Setiembre 2010.</p> <p>QAntenna: una aplicación multiplataforma para el análisis y visualización de antenas y patrones de radiación. Gustavo González, Lisandro Pérez Meyer, Pablo Odorico, Ricardo Coppo y Claudio Delrieux. Depto. de Ingeniería Eléctrica y Computadoras, Universidad Nacional del Sur; Depto. de Ciencias e Ingeniería de computación, Universidad Nacional del Sur.</p>
GRANTS	<ul style="list-style-type: none"> <li>• PID with the Defense Ministry of Argentina #25 (PID-DEF #25), titled “Gateway de comunicaciones Link-ARA/Link-Y” (Communications gateway Link-ARA/Link-Y). Directors: Pablo Mandolesi, José Luis Pasciaroni. Start: Noviembre de 2010. End: May 2012. Work place: IIIE-UNS.</li> <li>• Research with PGI 24/k037.</li> </ul>
PROYECTS IN WHICH I COLLABORATE	<ul style="list-style-type: none"> <li>• ACFR: “Active Trespasser Detection Network (ATND)”. (Joint project with the Australian Centre For Field Robotics, University of Sydney, Australia. Period: 2004-2011). Director: Dr. Favio Román Masson. The results have been installed in at least 5 mines around the globe (Australia, Chile e Indonesia).</li> <li>• PGI RDS: Project PGI-UNS 2006 of the UNS, “Redes de Sensores” (Sensors network), code 24/K040 during 2007-2009. (renewed in dic 2009).</li> <li>• PGI VLSI: Project PGI-UNS 2006 of the UNS, “Arquitecturas, Diseño y Síntesis de Circuitos Integrados VLSI” (Architectures, design and sintesys of VLSI integrated circuits), code 24/ZK17 during 2007-2009. (renewed dic 2009).</li> <li>• PICT V: 3D Gigascale Integrated Circuits for Nonlinear Computation, Filter and Fusion with Applications in Industrial Field Robotics. PICT 2010-2657 Director: Pedro Julián (awaiting fro approval).</li> </ul>
TEACHING EXPERIENCE	<p><b>Universidad Nacional del Sur</b>, Bahía Blanca, Argentina.</p> <p><i>Teaching assistant “A”</i> <span style="float: right;"><b>2010</b></span></p> <ul style="list-style-type: none"> <li>• Principios de Computadoras II (2801), Departamento de Ingeniería Eléctrica y Computadoras. Second programming lecture for electronic engineers.</li> </ul> <p><i>Teaching assistant “B”</i> <span style="float: right;"><b>October 2006 to December 2009</b></span></p> <ul style="list-style-type: none"> <li>• Principios de Computadoras II (2801), Departamento de Ingeniería Eléctrica y Computadoras. Second programming lecture for electronic engineers. Worked under a contract.</li> </ul>
POSTGRADUATE LECTURES APPROVED	<p>Conceptos de sistemas operativos (Operative systems concepts) (code 1988). Credits: 20. Hours: 60. Calification: 10 (ten). Date of exam: 18/12/2009.</p> <p>Tópicos en programación paralela y concurrente (Concurrent and parallel programming topics) (code 3131). Credits: 20. Hours: 96. Calification: 7 (seven). Date of exam: 05/03/2012.</p>

PROGRAMMING  
AND OPERATIVE  
SYSTEMS  
EXPERIENCE

- GNU/Linux and POSIX UNIX System administrator. Specialized in Debian GNU/Linux. Servers and workstations.
- Knowledge in embedded systems engineering with GNU/Linux. Creation and definition of platforms (BSP), kernel modifications for the ACFR project.
- Knowledge in device drivers programming for the linux kernel. Wrote a driver for Texas' CC1101, ACFR project.
- Root filesystems creation and maintenance based on OpenEmbedded. Specially tailored for the ACFR project.
- Languages knowledge: C, C++ y PHP learned almost by self-thought.
- Knowledge in OpenLDAP setup and use.
- A small knowledge of Pascal y Java.
- Programming and packaging experience with the multiplatform Qt toolkit.
- Programming knowledge with OpenGL.
- Programming of part of the simulations used for the PhD. thesis "Estadística de procesos estocásticos con aplicaciones a modelos epidémicos" (Stochastic process statistics with application to epidemic models) of the Licenciada en Matemáticas Ana Tablar, UNS. Director: Dr. Gonzalo Perera, Uruguay. Language: C++.
- Co-author of QAntenna, a multi platform application for analyzing and visualizing of antennas and radiation patterns. Presented at WICC 2007, held in Trelew, Chubut, Argentina. Language: C++. <http://qantenna.sourceforge.net/>.

VOIP KNOWLEDGE

- Supervised professional practice based on IP telecommunications systems over HFC networks. Held in Punta Alta Digital, part of the Cooperativa Eléctrica de Punta Alta.
- Installation of IP centrals with POTS and GSM connections.
- Pre-graduate thesis in VoIP telephony in the UNS.

CONFERENCES  
AND TALKS

**Organized:**

- Eighth annual conference of the Debian project (DebConf 8), held in Mar del Plata, Argentina, August 2 to 17 2008. <http://debconf8.debconf.org/>.
- Escuela Argentina de Microelectrónica, Tecnología y Aplicaciones (EAMTA) (Argentine School of Micro-Nanoelectronics, Technology and Applications) 2007. <http://www.eamta.org/>.
- Escuela Argentina de Microelectrónica, Tecnología y Aplicaciones (EAMTA) (Argentine School of Micro-Nanoelectronics, Technology and Applications) 2006. <http://www.eamta.org/>.
- Workshop in microelectronics and its applications, April 28-29 2005. Topics involved: "Diseño en Silicio Sobre Aislante", "Acceso a Tecnología/Electrónica para Redes de Sensores", "Degradación de Estructuras CMOS", "Arquitecturas Reconfigurables Dinámicamente/Electrónica de Bajo Consumo", "Automatización de Diseño Físico", "Presentación de Empresas de Desarrollo Tecnológico" and "Diseño de Imagers CMOS".
- CASTour 2004 – November 18-19 2004, topics: "Software Defined Radio", "Analog VLSI Design" and "Low Power CMOS Design for Integrated Systems".

**Talks imparted:**

- "El hombre que hace Linux" (The guy who does Linux). Jornadas de posgrado 2011 DIEC-IIIIE, Universidad Nacional del Sur (UNS). May 10-11 2011.
- "Linux en la tostadora: una breve introducción al desarrollo de sistemas embebidos con GNU/Linux" (Linux in the toaster, a brief introduction to embedded systems development with GNU/Linux). SIAG, Base Naval Puerto Belgrano, 14/12/2010.
- "Linux en la tostadora: una breve introducción al desarrollo de sistemas embebidos con GNU/Linux" (Linux in the toaster, a brief introduction to embedded systems development with GNU/Linux). Jornadas del Sur, August 16 2009. <http://www.jornadasdelsur.org.ar/>.

- “Introducción al desarrollo multiplataforma con Qt” (Introduction to multi-platform development with Qt). CDC UNLuX, November 3th2007. <http://www.unlux.com.ar>
- “Introducción al desarrollo multiplataforma con Qt” (Introduction to multi-platform development with Qt). 6th CafeConf, August 5 - 6 2007. <http://www.cafeconf.org/>

**Lectures dictated:**

- GNU/Linux para seres humanos V0.2 (GNU/Linux for human beings), August-September 2007, organized by BBLug, IEEE student chapter at UNS, the Centro de Estudiantes de Ingeniería y Agrimensura y el Centro de Estudiantes de Computación de la UNS.
- GNU/Linux para seres humanos (GNU/Linux for human beings), August 23, 24, 29 y 31 2006, organized by BBLug, IEEE students chapter at UNS and Centro de Estudiantes de Ingeniería y Agrimensura.

MISC

- Member of the Movimiento de la Palabra de Dios, Catholic church, since 2008.
- Debian Developer since September 25 2011 (<http://wiki.debian.org/DebianDeveloper>), Debian Maintainer since November 2010 (<http://wiki.debian.org/DebianMaintainer>); colaborator of the Debian project since 2007. In my free time I maintain the following packages: <http://qa.debian.org/developer.php?login=lisandro>.
- Vicepresident of the Asociación de Deportes Acuáticos del Sur de Buenos Aires (ADASBA) from end of 2005 to May 2008.
- Delegate of Centro Blanco y Negro de Coronel Suárez before the Asociación de Deportes Acuáticos Sur de Buenos Aires (ADASBA) since 2003until May 2008.
- Member of the Bahía Blanca Linux Users Group from 2003 to 2008.
- Translations of the MySQL API and Rosegarden’s user manual.
- IEEE students chapter at UNS Webmaster from 2004 to 2007.
- IEEE students chapter at UNS secretary from mid-2004 to mid-2005.
- Past member of the IEEE.