



CURRICULUM VITAE NORMALIZADO

PERSONAL INFORMATION

Last name: Rosales
First name: Nicolás
Address: La Plata (1900), Buenos Aires, Argentina.
Place of birth: Trelew, Chubut Date of birth: 12/06/1990
Nationality: Argentinian Marital status: Single
Passport: 35381573N
E-Mail: nicolas.rosales@ing.unlp.edu.ar

EDUCATION

High School: Electronic Technical Assistant – E.P.T. N° 748 Luis Piedrabuena, Trelew, Chubut (2007).

Undergraduate: Electronic Engineer – Universidad Nacional de la Plata, La Plata (2015).

SCHOLARSHIPS AND FELLOWSHIPS

Doctoral fellowship
Date: Abril 2015
Place: Instituto LEICI, FI-UNLP, La Plata
Grant Institution: Universidad Nacional de La Plata

Research training scholarship CIC
Start date: October 2013 Finish date: September 2014
Place: Laboratorio de Acústica and Luminotecnia, Gonnet
Grant Institution: Comisión de Investigaciones Científicas

End of career scholarship
Start date: March 2012 Finish date: December 2012
Place: Universidad Nacional de La Plata, La Plata
Grant Institution: Agencia Nacional de Promoción Científica and Tecnológica

Student Exchange MARCA
Start date: Juland 2011 Finish date: December 2011
Place: Universidade Estadual Paulista, Ilha Solteira, Brasil
Grant Institution: Universidad Nacional de La Plata

CURSOS DE PERFECCIONAMIENTO SEGUIDOS

LED lighting. Fundamentals, energy efficiency and links with electricity grids.
Teachers Ing. Gustavo Barbera and Ing. Pablo Ixtaina. FI-UNLP, 2014.
Approved.

Control de sistemas con retardo and control predictivo. . Teachers Ing. Ricardo Mantz and Dr. Ing. Julio Normey. FI-UNLP, 2014. Approved.

Linear systems. Teacher Dr. Ing. Hernán De Battista. FI-UNLP, 2016.
Approved.



Advanced Automatic Control Systems. Teachers Dr. Ing. Fabricio Garelli, Dr. Ing. Fernando Valenciaga and Dr. Ing. Fernando Inthamoussou. Engineering School UNLP, 2015. Approved.

Linear algebra. Teacher Dr. Lic. Raúl Rossignoli. Engineering School UNLP, 2015. Assistance.

Introduction to the analysis of nonlinear systems. Teachers Dr. Ing. Miguel Mayosky, Dr. Ing. Paul Puleston and Dr. Ing. Carolina Evangelista. Engineering School UNLP, 2015. Approved.

Scientific communication in English. Teachers Ing. Chistopher Young and Dr. Elena Golovushkina. Engineering School UNLP, 2015. Approved.

Statistical signal processing. Teacher Dr. Ing. Carlos Muravchik. Engineering School UNLP, 2015. Assistance.

Science, Technologand and Society". Teachers Dr. Gabriel Bilmes, Dr. Leandro Andrini and others. School of science UNLP, 2016. Approved.

Parametric and statical estimation. Teacher Dr. Ing. Carlos Muravchik. Engineering School UNLP, 2016. Assistance.

Sliding Regimens and their application to the Control of Systems. Teachers Ing. Ricardo Mantz and Dr. Ing. Fabricio Garelli. Engineering School UNLP, 2016. Approved.

TEACHING EXPERIENCE

Teaching Assistant
Course: Physics (Facultad de Bellas Artes UNLP)
April 2015 - Present

Student Assistant Ad-Honorem
Course: Electronic circuits I
March 2013 – July 2013

PARTICIPATION IN CONGRESSES AND MEETINGS

4º Jornadas de Investigación, Transferencia and Extensión - FI UNLP. La Plata, Bs. As., Argentina, abril 2017. Autor.

AADECA 2016 – 25º Congreso Argentino de Control Automático. Ciudad autónoma de Buenos Aires, noviembre 2016. Autor and expositor.

RPIC 2015 - Reunión de trabajo en Procesamiento de la Información and Control XVI. Córdoba capital, October de 2015. Autor and expositor.

LUXAMERICA 2014 XII CONFERÊNCIA PANAMERICANA DE ILUMINAÇÃO, Minas Gerais, Juiz de Fora, December 2014. Autor.



SCIENTIFIC PUBLICATIONS

With reference

P. Ixtaina, M. Presso, N. Rosales, G. H. Marin. Glare band Light Emitting Diode (LED) vehicle traffic signals International. Journal of Mechanical and Materials Engineering 10:1. DOI: 10.1186/s40712-014-0027-2 (2015).

National congresses

Nicolás Rosales, Fabricio Garelli and Hernán De Battista. Automatic super bolus feature for commercial insulin pumps. Congreso AADECA 2016 – 25º Congreso Argentino de Control Automático. Ciudad Autónoma de Buenos Aires. November 2016.

Emilia Fushimi, Nicolás Rosales, Fabricio Garelli and Hernán De Battista. Open to closed-loop transition schemes for in vivo glucose control. Congreso AADECA 2016 – 25º Congreso Argentino de Control Automático. Ciudad Autónoma de Buenos Aires. Noviembre 2016.

Nicolás Rosales, Fabricio Garelli and Hernán De Battista. T1DM glycemic control: Effects of mixed meals and intra-patient variability in continuous insulin treatments. Proceedings of 2015 XVI Workshop on Information Processing and Control (RPIC). ISBN 978-1-4673-8466-7. October 2015.

International congresses

Fabricio Garelli, Emilia Fushimi, Nicolás Rosales, Hernán De Battista. Open to Closed Loop Transition Schemes For In Vivo Glucose Control. 10th International Conference on Advanced Technologies & Treatments for Diabetes (ATTD). Paris, France. Feb 2017. Publicación de resumen.

Fabricio Garelli, Nicolás Rosales, and Hernán De Battista. Automatic super bolus feature for commercial insulin pumps. 10th International Conference on Advanced Technologies & Treatments for Diabetes (ATTD). Paris, France. Feb 2017. Publicación de resumen.