



Jorge Palacín Roca

Dades personals-contacte / Datos personales-contacto / Personal information-contact



Jorge Palacín Roca

Titular d'Universitat / Titular de Universidad / Full Professor

Tecnologia Electrònica / Tecnología Electrónica / Electronic Technology

Departament/Departamento/Department:

Informàtica i Enginyeria Industrial / Infomática y Ingeniería Industrial
Industrial Engineering

Centre/Centro/Center:

Escola Politècnica Superior / Escuela Politècnica Superior/ Polytechnic

Despaxt/Despacho/Office:

Campus de Cappont. Edifici EPS. Despaxt 2.12 / Campus de Cap
Despacho 2.12 / Campus of Cappont. EPS Building. Office 2.12



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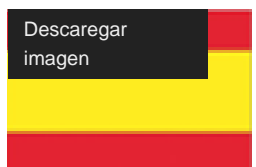
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Formació acadèmica / Formación académica / Academic training



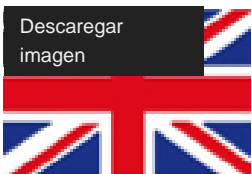
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Doctor en Electrònica



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Doctor en Electrònica



▪ Doctor in Electronics

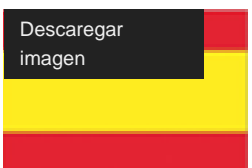
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Experiència professional / Experiencia profesional / Professional experience



▪ Professor de la Universitat de Lleida



▪ Profesor de la Universidad de Lleida



▪ Professor at the University of Lleida

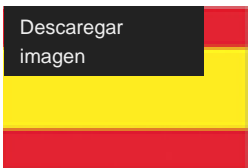
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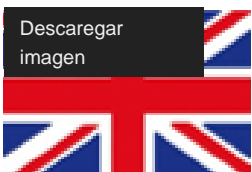
Docència / Docencia / Teaching



- Grau en Enginyeria Mecànica
- Grau en Enginyeria Electrònica Industrial i Automàtica



- Grado en Ingeniería Mecánica
- Grado en Ingeniería Electrónica Industrial y Automática


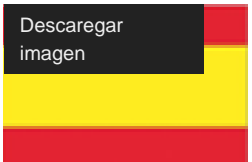
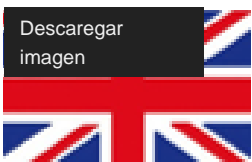


- Degree in Mechanical Engineering
- Degree in Industrial Electronics and Automatic Engineering



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Gestió / Gestión / Management


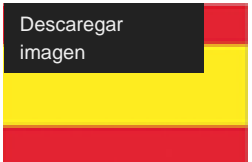
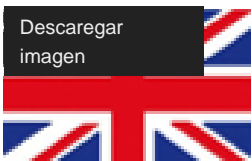
-  Descaregar imagen
▪ Responsable del Laboratori de Robòtica de la UdL: <http://robotica.udl.cat> [
<http://robotica.udl.cat>]
▪ Responsable del Grup de Processament de Senyal i Robòtica
-  Descaregar imagen
▪ Responsable del Laboratorio de Robótica de la UdL: <http://robotica.udl.cat> [
<http://robotica.udl.cat>]
▪ Responsable del Grupo de Procesamiento de Señal y Robótica
-  Descaregar imagen
▪ Responsible for the Robotics Laboratory of the UdL: <http://robotica.udl.cat> [
<http://robotica.udl.cat>]
▪ Responsible for the Signal Processing and Robotics Group



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Recerca / Investigación / Research

Ambit de recerca

-  Descaregar imagen
▪ Robòtica mòbil
▪ Robòtica educacional
▪ Aplicacions de la robòtica a la societat
▪ Sistemes sensors i actuadors
-  Descaregar imagen
▪ Robótica móvil
▪ Robótica educacional
▪ Aplicaciones de la robótica en la sociedad
▪ Sistemas sensores y actuadores
-  Descaregar imagen
▪ Mobile robotics
▪ Educational Robotics
▪ Applications of robotics in society
▪ Sensors and actuators systems



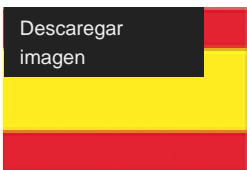
Activitats de recerca / Actividades de investigación / Research activities

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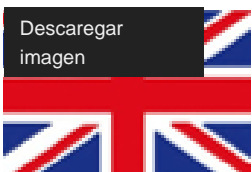
- Palacín, D. Martínez, E. Clotet, T. Pallejà, J. Burgués, J. Fonollosa, A. Pardo, S. Marco, Application of an Array of Metal-Oxide Semiconductor Gas Sensors in an Assistant Personal Robot for Early Gas Leak Detection, *Sensors* 2019, 19, 9.
- Palacín, E. Clotet, Dani Martínez, David Martínez, J. Moreno, Extending the Application of an Assistant Personal Robot as a Walk-Helper Tool, *Robotics* 2019, 8, 27.
- Palacín, E. Clotet, D. Martínez, J. Moreno, M. Tresanchez, Automatic Supervision of Temperature, Humidity, and Luminance with an Assistant Personal Robot, *Journal of Sensors*, 2017, Article ID 1480401, 7 pages.
- Moreno, E. Clotet, M. Tresanchez, D. Martínez, J. Casanovas, J. Palacín, Measurement of Vibrations in Two Tower-Typed Assistant Personal Robot Implementations with and without a Passive Suspension System, *Sensors*, 17 (2017), 1122.
- Pomareda, R. Magrans, J.M. Jiménez-Soto, D. Martínez, M. Tresánchez, J. Burgués, J. Palacín, S. Marco, Chemical Source Localization Fusing Concentration Information in the Presence of Chemical Background Noise, *Sensors*, 17 (2017), 904.

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