



# Jorge Palacín Roca

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



by:

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:**

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## Formació acadèmica / Formación académica / Academic training

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▪ Doctor en Electrònica



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▪ Doctor en Electrònica





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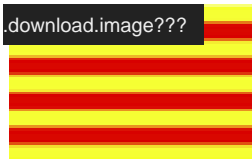
▪ Doctor in Electronics

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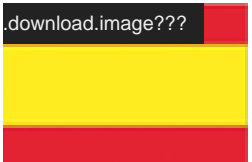
## Experiència professional / Experiencia profesional / Professional experience

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▪ Professor de la Universitat de Lleida

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▪ Profesor de la Universidad de Lleida

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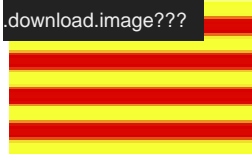
▪ Professor at the University of Lleida

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## Docència / Docencia / Teaching

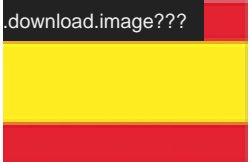
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▪ Grau en Enginyeria Mecànica

▪ Grau en Enginyeria Electrònica Industrial i Automàtica

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▪ Grado en Ingeniería Mecánica

▪ Grado en Ingeniería Electrónica Industrial y Automática

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▪ Degree in Mechanical Engineering

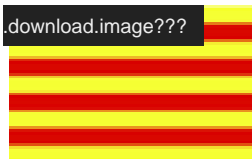
▪ Degree in Industrial Electronics and Automatic Engineering



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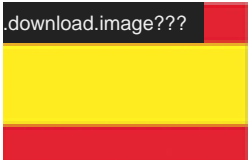
## Gestió / Gestión / Management

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- 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

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- 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

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- Responsible for the Robotics Laboratory of the UdL: <http://robotica.udl.cat> [ <http://robotica.udl.cat> ]
- Responsible for the Signal Processing and Robotics Group

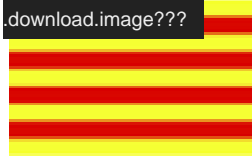


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## Recerca / Investigación / Research

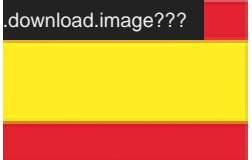
### Ambit de recerca

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- Robòtica mòbil
- Robòtica educacional
- Aplicacions de la robòtica a la societat
- Sistemes sensors i actuadors

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- Robótica móvil
- Robótica educacional
- Aplicaciones de la robótica en la sociedad
- Sistemas sensores y actuadores

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- 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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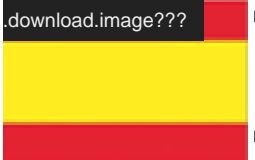


Palacín, D. Martínez, E. Clotet, T. Pallejà, J. Burgués, J. Fonollosa, A. Pardo, S. Marco, Application of an Array of Metal-Oxide Semiconductor Gas Sensors in an Assistant Personal Robot for Early Gas Leak Detection, *Sensors* 2019, 19, 9.

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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