

**DEPARTAMENTO DE TEORIA
DE LA SEÑAL Y COMUNIC.**

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COMUNIC.**

Áreas de conocimiento:

- TEORIA DE LA SEÑAL Y COMUNICACIONES

ÁREA DE CONOCIMIENTO: TEORÍA DE LA SEÑAL Y COMUNICACIONES

Actividades de investigación

Tesis Doctorales

- Innovative Electromagnetic Designs Making Use of Periodic Structures and Advanced Optimization Tools
Autores: QUEVEDO, O.
Director: RAJO, E.
Año: 2010
- Metamaterial-Loaded Printed Antennas: Design and Applications
Autores: HERRAIZ, F.J.
Director: SEGOVIA, D.
Año: 2010
- Optimización de Energía y Eficiencia de Transmisión con Análisis de Imparcialidad para Comunicaciones Inalámbricas Adaptativas
Autores: ESCUDERO, J. J.
Director: GARCIA-ARMADA, A.
Año: 2010
- Sparse Gaussian Processes for Large-Scale Machine Learning
Autores: LAZARO, M.
Director: FIGUEIRAS-VIDAL, A. R.
Año: 2010
- Ultra-Wideband Pashed Array antennas for Low-Frequency Radio Astronomy
Autores: LERA, E.D.
Director: GARCIA, L. E. ; DUFFETT-SMITH, M.
Año: 2010

Publicaciones y actividades de difusión de resultados

Publicaciones en revistas científicas internacionales

- ARTES, A. ; AGUADO, D.; DELGADO, D.; SUKNO, F.; SANTA CRUZ, C.
Individual Identification using Personality Traits , *Journal of Network and Computer Applications*, Vol. 33, 2010, pp. 293-299, ESTADOS UNIDOS DE AMERICA.

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Colaboraciones en obras colectivas

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- VALVERDE, F. J. ; PELAEZ, C.
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Wideband Zero-Mode Circular Patch Antenna, European Conference on Antennas and Propagation EUCAP 2010, BARCELONA, ESPAÑA, 2010.

Propiedad Industrial/intelectual

- *Inventores:* GARCIA-ARMADA, A.; SANCHEZ-FERNANDEZ, M. ; CORVAJA, R.
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Número Solicitud: P201031785
Fecha Solicitud: 01/12/2010
Países: ESPAÑA

Actividades de formación y movilidad de personal investigador

Estancias en otros centros

- DARIO GARCIA GARCIA
Título: Visita al Dpto. CSML de University College London
Centro Externo: University College London
País: REINO UNIDO
Duración: 01/05/2010 a 15/05/2010.
- DARIO GARCIA GARCIA
Título: Teoría y aplicaciones de nuevas medidas de divergencia basadas en clasificadores
Centro Externo: Universität Hamburg
País: ALEMANIA
Duración: 21/06/2010 a 29/10/2010.
- EVA RAJO IGLESIAS
Título: Investigadora invitada en el grupo de antenas de Chalmers
Centro Externo: Chalmers University of Technology
País: SUECIA
Duración: 01/10/2010 a 05/12/2010.
- JOSE LUIS VAZQUEZ ROY
Título: Estudio sobre radares de formación de imágenes mediante múltiples elementos transmisores y receptores.
Centro Externo: Goethe Universitat Frankfurt am Main
País: ALEMANIA
Entidad Financiadora: MINISTERIO DE CIENCIA E INNOVACIÓN
Duración: 01/01/2010 a 31/08/2010.
- MARIA JULIA FERNANDEZ-GETINO GARCIA
Título: Estimación de canal en sistemas MIMO-OFDM
Centro Externo: Instituto de Telecomunicações
País: PORTUGAL
Duración: 01/07/2010 a 30/09/2010.
- MIGUEL LAZARO GREDILLA
Título: Regresión a gran escala con procesos Gaussianos multivalida
Centro Externo: Machine Learning & Optimization Group. University of Manchester
País: REINO UNIDO
Duración: 24/05/2010 a 15/08/2010.
- RAUL SANTOS RODRIGUEZ
Título: Structured Prediction Methods for Chord Transcription
Centro Externo: University of Bristol
País: REINO UNIDO
Duración: 01/07/2010 a 31/12/2010.
- RAUL SANTOS RODRIGUEZ
Título: Cost-sensitive learning and surrogate margin losses through Bregman divergences
Centro Externo: Centre for Computational Statistics and Machine Learning, University College London
País: REINO UNIDO
Duración: 11/01/2010 a 30/06/2010.

- **SARA PINO POVEDANO**

Título: Estancia Pre-doctoral

Centro Externo: Institute of Electrical Engineering. École Polytechnique Fédérale de Lausanne.

País: SUIZA

Duración: 01/05/2010 a 31/07/2010.

- **VICTOR PEDRO GIL JIMENEZ**

Título: Estudio de los efectos de los problemas de sincronización en redes cooperativas

Centro Externo: Instituto de Telecomunicações

País: PORTUGAL

Duración: 01/05/2010 a 30/09/2010.