

## Ana García Armada

### Conference papers since 2011

Authors: Kun Chen-Hu, Juan Carlos Estrada Jiménez, M. Julia Fernández-Gentino García, Ana García Armada  
Title: Superimposed Training for Channel Estimation in FBMC-OQAM  
Conference: IEEE Vehicular Technology Conference (VTC-Fall 2017)  
Venue: Toronto, Canada Date: Sept 2017

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Authors: Estefanía Crespo Bardera, Matilde Sánchez Fernández, Ana García Armada, Aaron Garrido Martín, Alfonso Fernández Durán  
Title: Analysis of a LTE-based Textile Massive MIMO Proposal for Public Safety Networks  
Conference: IEEE Vehicular Technology Conference (VTC-Fall 2017)  
Venue: Toronto, Canada Date: Sept 2017

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Authors: Victor Monzón, Ana García Armada, Mohammed El-Hajjar, Lajos Hanzo  
Title: Performance of a Non-Coherent Massive SIMO M-DPSK System  
Conference: IEEE Vehicular Technology Conference (VTC-Fall 2017)  
Venue: Toronto, Canada Date: Sept 2017

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Authors: Alejandro Borrajo, Raquel Pérez Leal, Ana García Armada  
Title: Random Access Procedure based on an Adaptive Prioritization Method for Integration of MTC in Mobile Networks'  
Conference: International Symposium on Ubiquitous Networking (UNet'17)  
Venue: Casablanca, Morocco Date: May 2017

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Authors: M. Morales Céspedes, J. Plata-Chaves, A. García Armada, Marc Moonen, Luc Vandendorpe  
Title: Can the use of reconfigurable antennas overcome the CSI bottleneck for FDD Massive MIMO  
Conference: IEEE Wireless Communications and Networking Conference (WCNC)  
Venue: San Francisco, USA Date: Mar 2017

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Authors: A. García Armada  
Title: Non-coherent Large Scale MIMO: massive but feasible  
Conference: Workshop Women in Communications  
Venue: Viena, Austria Date: Feb 2017

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Authors : Petr Novák, Jan Babjak, Tomas Kot, Zdenko Bobovský, Petr Olivka, Wojciech Moczulski, Anna Timofiejczuk, Marek Adamczyk, Borja Genovés Guzmán, Ana García Armada, Ángel Rodríguez  
Title: TELERESCUER - reconnaissance mobile robot for underground coal mines  
Conference: Coal Operators Conference  
Venue: Wollongong, Australia Date: Feb 2017

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Authors: A. García Armada  
Title: Non-coherent Large Scale MIMO: massive but feasible  
Conference: IEEE 5G Summit  
Venue: Lisbon, Portugal Date: Jan 2017

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Authors: Alejandro de la Fuente, Felip Riera-Palou, Guillem Femenias, Ana García Armada  
Title: Enhanced Scheduling and Resource Allocation in Multicast OFDMA Systems  
Conference: Summer School on Spectrum Aggregation and Sharing for 5G Networks

Venue: Eurecom, Niza (France)

Date: Oct 2016

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Authors: B. Genovés Guzmán, M. Adamczyk, A. Timofiejczuk and A. Garcia Armada

Title: Design of a Sensory and Vision System for a Rescuer Robot in Coal Mine Areas

Conference: 6th International Congress on Technical Diagnostics and 5th International Conference on Condition Monitoring of Machinery in Non-Stationary Operations

Venue: Gliwice, Poland

Date: Sept 2016

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Authors: Kun Chen Hu, Ana García Armada

Title: SINR Analysis of OFDM and f-OFDM for Machine Type Communications

Conference: 2016 IEEE 27th Annual IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC)

Venue: Valencia, Spain

Date: Sept 2016

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Authors: Kun Chen Hu, Ana García Armada, Matilde Sánchez Fernández, Antonio Royo

Title: Prototyping and Measurements for a LiFi System

Conference: 2016 IEEE 9th Sensor Array and Multichannel Signal Processing Workshop (SAM 2016)

Venue: Rio de Janeiro, Brasil

Date: Jul 2016

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Authors: Alejandro de la Fuente, Carlos M. Lentisco, Luis Bellido, Raquel Pérez Leal, Ana García Armada, Encarna Pastor, Alejandro García Bolívar

Title: End to End Measurements of Multimedia Streaming Over LTE

Conference: European Conference on Networks and Communications, EuCNC

Venue: Athens, Greece

Date: Jun 2016

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Authors: M. Morales Céspedes, J. Plata-Chaves, A. García Armada, Luc Vadendorpe

Title: A Blind Interference Alignment scheme for practical *channels*

Conference: IEEE International Conference on Communications (ICC)

Venue: Kuala Lumpur, Malasia

Date: May 2016

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Authors: Víctor Monzón Baeza, Juan José García Fernández and Ana García Armada

Title: Bitloaded Modified Enhanced Subcarrier Index Modulation OFDM for Visible Light Communications

Conference: 2nd International Conference on Wireless Communication Systems and Networks (MIC-Wireless 2015)

Venue: Barcelona, Spain

Date: Aug 2015

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Authors: Alejandro de la Fuente, Carlos M. Lentisco, Luis Bellido, Raquel Perez Leal, Encarna Pastor, Ana Garcia Armada

Title: Analysis of the impact of FEC techniques on a multicast video streaming service over LTE

Conference: European Conference on Networks and Communications, EuCNC

Venue: Paris, France

Date: Jun 2015

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Authors: Víctor Monzón Baeza, Matilde Sánchez-Fernández, Ana García Armada and Antonio Royo

Title: Testbed for a LiFi System integrated in Streetlights

Conference: European Conference on Networks and Communications, EuCNC

Venue: Paris, France

Date: Jun 2015

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Authors: Ana García Armada, Lajos Hanzo

Title: A Non-Coherent Multi-User Large Scale SIMO System Relying on M-ary DPSK  
Conference: IEEE International Conference on Communications (ICC)  
Venue: London, UK Date: Jun 2015

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Authors: Máximo Morales Céspedes, Matilde Sánchez Fernández, Ana García Armada  
Title: Experimental Evaluation of Blind Interference Alignment  
Conference: Vehicular Technology Conference, VTC2015-Spring  
Venue: Glasgow, Scotland Date: May 2015

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Authors: M. Morales Céspedes, J. Plata-Chaves, D. Toumpakaris, A. García Armada  
Title: Cognitive Blind Interference Alignment for Macro-Femto Cellular Networks  
Conference: IEEE Globecom  
Venue: Austin, USA Date: Dec 2014

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Authors: Carlos M. Lentisco, Luis Bellido, Alejandro de la Fuente, Encarna Pastor, Raquel Perez Leal, Ana García Armada  
Title: A model to evaluate MBSFN and AL-FEC techniques in a multicast video streaming service  
Conference: IEEE International Conference on Wireless and Mobile Computing, Networking and Communications (WiMob)  
Venue: Larnaca, Cyprus Date: Oct 2014

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Authors: Juan José García Fernández, Máximo Morales Céspedes, Matilde Sánchez Fernández, Ana García Armada  
Title: Improved Interference Aware Precoding for Cellular Network-MIMO Systems  
Conference: European Signal Processing Conference (EUSIPCO)  
Venue: Lisbon, Portugal Date: Sept 2014

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Authors: Ana García Armada, Varghese Antony Thomas, Mohammed El-Hajjar, Lajos Hanzo  
Title: Radio-over-Fiber Aided Base Station Coordination for OFDM  
Conference: IEEE Vehicular Technology Conference VTC2014-Fall  
Venue: Vancouver, Canada, Date: Sept 2014

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Authors: Juan José García Fernández, Ana García Armada  
Title: Characterization of a Simple Threshold to Fight Out of Cluster Interference  
Conference: European Conference on Networks and Communications (EuCNC)  
Venue: Bologna, Italy Date: Jun 2014

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Authors: Nikolaos Bartzoudis, Oriol Font-Bach, Miquel Payaró, Antonio Pascual-Iserte, Javier Rubio, Juan José García Fernández, Ana García Armada  
Title: Energy Profiling of FPGA-based PHY-layer Building Blocks Encountered in Modern Wireless Communication Systems  
Conference: IEEE Sensor Array and Multichannel Signal Processing Workshop (SAM)  
Venue: A Coruña, Spain Date: Jun 2014

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Authors: Máximo Morales Céspedes, Jorge Plata-Chaves, Dimitris Toumpakaris, Ana García Armada  
Title: On the Choice of Blind Interference Alignment Strategy for Cellular Systems with Data Sharing  
Conference: IEEE International Conference on Communications (ICC)  
Venue: Sidney, Australia Date: Jun 2014

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Authors: Alejandro de la Fuente, Ana García Armada, Raquel Pérez Leal  
Title: Joint Multicast/Unicast Scheduling with Dynamic Optimization for LTE Multicast Service

Conference: European Wireless  
Venue: Barcelona, Spain

Date: May 2014

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Authors: Juan José García Fernández, Ana García Armada, Javier Rubio, Antonio Pascual-Iserte, Oriol Font-Bach, Nikolaos Bartzoudis

Title: Adaptive Block Diagonalization and User Scheduling With Out of Cluster Interference

Conference: European Wireless

Venue: Barcelona, Spain

Date: May 2014

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Authors: Javier Rubio, Antonio Pascual-Iserte, Juan José García Fernández, Ana García Armada, Oriol Font-Bach, Nikolaos Bartzoudis

Title: Asymptotic Analysis of Multiuser-MIMO Networks with Battery-Constrained Receivers

Conference: European Wireless

Venue: Barcelona, Spain

Date: May 2014

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Authors: Máximo Morales Céspedes, Ana García Armada, Jesús Gutiérrez Terán

Title: Achievable throughput with Block Diagonalization on OFDM indoor demonstrator

Conference: European Signal Processing Conference (EUSIPCO)

Venue: Marrakech, Morocco

Date: Sept 2013

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Authors: Alejandro de la Fuente Iglesias, Raquel Pérez Leal, Ana García Armada

Title: Performance Analysis of eMBMS in LTE: Dynamic MBSFN Areas

Conference: Opnetwork

Venue: Washington DC, USA

Date: Aug 2013

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Authors: Máximo Morales Céspedes, Jorge Plata Chaves, Dimitris Toumpakaris, Ana García Armada

Title: Exploiting Blind Interference Alignment in Cellular Systems

Conference: IEEE Communication Theory Workshop (CTW)

Venue: Phuket, Thailand

Date: Jun 2013

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Authors: Felipe Llinares-López, Matilde Sánchez-Fernández, Emilio Parrado-Hernandez, Ana García Armada

Title: Interference-aware MIMO precoder design with realistic power constraints

Conference: IEEE ICC'13 - Workshop Beyond LTE-A

Venue: Budapest, Hungary

Date: Jun 2013

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Authors: Roberto Corvaja, J. José García Fernández, Ana García Armada

Title: Partial Coordination in Clustered Base Station MIMO Transmission

Conference: IEEE Wireless Communications and Networking Conference (WCNC)

Venue: Shanghai, China

Date: Apr 2013

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Authors: M. Luz Pablo González, Ana García Armada, Matilde Sánchez Fernández, Antonio Pascual Iserte, Miquel Payaró

Title: Performance of Waterfilling-based Schemes for Interference Cancellation in 4G networks

Conference: International Workshop on Cognitive Information Processing (CIP)

Venue: Baiona, Spain

Date: May 2012

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Authors: Máximo Morales Céspedes, Ana García Armada

Title: Green strategies for Block Diagonalization-Network MIMO with Fairness  
Conference: Workshop on Small Cell Cooperative Communications  
Venue: Lyon, France Date: May 2012

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Authors: Li Hong, Ana García Armada and Angel Lozano  
Title: Bit Loading for MIMO with Statistical Channel Information at the Transmitter and MMSE Receivers  
Conference: IEEE Wireless Communications and Networking Conference (WCNC)  
Venue: Paris, France Date: Apr 2012

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Authors: Máximo Morales Céspedes, Ana García Armada  
Title: Power minimization in Coordinated Base Station Transmission using Block Diagonalization  
Conference: International OFDM Workshop  
Venue: Hamburg, Germany Date: Aug-Sept 2011

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Authors: Josep Vidal, Adrián Agustín, Sandra Lagén, Eduard Valera, Olga Muñoz, Ana García Armada, Matilde Sánchez Fernández  
Title: Networked-MIMO Backhauling for QoS-Constrained Relay Transmission  
Conference: IEEE International Conference on Acoustics, Speech and Signal Processing ICASSP 2011  
Venue: Prague, Czech Republic Date: May 2011

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Authors: Máximo Morales Céspedes, Ana García Armada  
Title: Zero-Forcing Coordinated Base Station Transmission for Femtocell Systems  
Conference: IEEE VTC2011-Spring International Workshop on Broadband Femtocell Technologies  
Venue: Budapest, Hungary Date: May 2011

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Authors: Ana García Armada, Roberto Corvaja, Matilde Sánchez-Fernández, Ana Santos Rodriguez  
Title: MMSE Precoding for Downlink Coordinated Base Station Transmission  
Conference: IEEE Vehicular Technology Conference VTC2011-Spring  
Venue: Budapest, Hungary Date: May 2011

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Authors: Miquel Payaró, Antonio Pascual-Iserte, Ana García Armada, Matilde Sánchez-Fernández  
Title: Resource Allocation in Multi-Antenna MAC Networks: FBMC vs OFDM  
Conference: IEEE Vehicular Technology Conference VTC2011-Spring  
Venue: Budapest, Hungary Date: May 2011

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