

# Publication du LEAT de l'année 2013

3 juillet 2018



## 1 Articles en Revue ou Journal avec Comité de Lecture (24 publication(s))

- **Fast Prototyping H.264 Deblocking Filter Using ESL Tools**, Taheni Dammak, Werda Imen, Sebastien Bilavarn, Nouri Masmoudi, *Shaker-Verlag Transactions on Systems, Signals and Devices*, 8(3), pp.345-362, 01/12/2013, hal-01075894
- **A 60-GHz Circularly-Polarized Array Antenna-in-Package in LTCC Technology**, W. Zhang, Y.P. Zhang, M. Sun, C. Luxey, D. Titz, Fabien Ferrero, *IEEE Transactions on Antennas and Propagation*, 61(12), pp.6228 - 6232, 12/2013, hal-00915765
- **Ceramic Antenna for Tri-Band Radio Devices**, Zhihong Tu, Y.P. Zhang, A. Bisognin, C. Luxey, D. Titz, Fabien Ferrero, *IEEE Transactions on Antennas and Propagation*, 61(11), pp.5776-5780, 11/2013, hal-00915752
- **Feasibility study of 4G cellular antennas for eyewear communicating devices**, A. Cihangir, W. Whittow, C. Panagamuwa, Fabien Ferrero, F. Gianesello, G. Jacquemod, C. Luxey, *IEEE Antennas and Wireless Propagation Letters*, 12 pp.1704-1707, 10/2013, hal-00915775
- **Design Space Exploration for Partially Reconfigurable Architectures in Real-Time Systems**, F. Duhem, Fabrice Muller, Willy Aubry, Bertrand Le Gal, Daniel Negru, Philippe Lorenzini, *Journal of Systems Architecture*, 59(8), pp.571-581, 09/2013, hal-00998839
- **Miniature Reconfigurable Antenna with Magneto Dielectric Substrate for DVB-H Band**, F. Canneva, Fabien Ferrero, A. Chevalier, Jean-Marc Ribero, Jean-Luc Mattei, P. Queffelec, Robert Staraj, *Microwave and Optical Technology Letters*, 55(9), pp.2007-2011, 09/2013, hal-00915730
- **Integration of Quadruple Linearly-Polarized Microstrip Grid Array Antennas for 60-GHz Antenna-in-Package Applications**, B. Zhang, D. Titz, Fabien Ferrero, C. Luxey, Y.P. Zhang, *IEEE Transactions on Components, Packaging and Manufacturing Technology*, 3(8), pp.1293-1300, 08/2013, hal-00915707

- **Power Domain Management Interface : Flexible Protocol Interface for Transaction-Level Power Domain Management**, Ons Mbarek, Alain Pegatoquet, Michel Auguin, *IET Computers & Digital Techniques*, 7(4), pp.155-156, 07/2013, hal-01089568
- **Differential feeding technique for mm-wave series-fed antenna-array**, A. Bisognin, D. Titz, Fabien Ferrero, C. Luxey, G. Jacquemod, R. Pilard, F. Giancesello, D. Gloria, P. Brachat, *Electronics Letters*, 49(15), pp.918-919, 07/2013, hal-00915742
- **Performance enhancement of a circularly polarized patch antenna for radio frequency identification readers using an electromagnetic band-gap ground plane**, S. Pflaum, Philippe Le Thuc, Georges Kossiavas, Robert Staraj, *Microwave and Optical Technology Letters*, 55(7), pp.1599-1602, 07/2013, hal-00854736
- **Amplitude and Phase Measurements of Scattered Fields for Quantitative Imaging in the W-band**, A. Zeitler, Claire Migliaccio, A. Moynot, Iannis Aliferis, Laurent Brochier, Jean-Yves Dauvignac, Christian Pichot, *IEEE Transactions on Antennas and Propagation*, 61(7), pp.3927-3931, 07/2013, hal-00781713
- **Neutralisation technique applied to two coupling element antennas to cover low LTE and GSM communication standards**, A. Cihangir, F. Sonnerat, Fabien Ferrero, R. Pilard, F. Giancesello, D. Gloria, P. Brachat, G. Jacquemod, C. Luxey, *Electronics Letters*, 49(13), pp.781-782, 06/2013, hal-00915714
- **3D Voltage Pattern Measurement of a 2.45GHz Rectenna**, T.Q.V. Hoang, E. Seguenot, Fabien Ferrero, Jean-Lou Dubard, P. Brachat, J.-L. Desvilles, *IEEE Transactions on Antennas and Propagation*, 61(6), pp.3354-3356, 06/2013, hal-00854734
- **Online codesign on reconfigurable platform for parallel computing**, Clément Foucher, Fabrice Muller, Alain Giulieri, *Microprocessors and Microsystems : Embedded Hardware Design (MICPRO)*, 37(4-5), pp.482-493, 30/05/2013, hal-00748837
- **L'Ultra Wide Band et les réseaux corporels (BAN)**, Jean Schwoerer, A. Chami, Serge Bories, Raffaele D'Errico, *La Revue de l'Electricité et de l'Electronique*, 5 (Dossier L'Ultra Large Bande impulsionnelle - Xavier Begaud) pp.76-83, 05/2013, hal-00939403
- **Chip on board 3-10 GHz Impulse Radio Ultra Wideband transmitter with optimized die to antenna wire bond transition**, O. Fourquin, S. Bourdel, J. Gaubert, R. Vauche, N. Dehaese, A. Chami, Jean-Yves Dauvignac, Georges Kossiavas, Nicolas Fortino, P. Brachat, *IEEE Transactions on Components, Packaging and Manufacturing Technology. Part A, Manufacturing Technology*, 3(5), pp.749-758, 05/2013, hal-00779298
- **Méthodologie dédiée aux applications parallèles sur plateforme reconfigurable dynamiquement**, Clément Foucher, Fabrice Muller, Alain Giulieri, *Revue des Sciences et Technologies de l'Information - Série TSI : Technique et Science Informatiques*, 32(2/2013), pp.253-280, 01/02/2013, hal-00834136
- **Complete and Approximate Methods for Off-Line Placement of Hardware Tasks on Reconfigurable Devices**, I. Belaïd, B. Ouni, Fabrice Muller, M. Ben Jemaa, *Journal of Circuits, Systems, and Computers*, 22(2), 02/2013, hal-00770589
- **Dynamically reconfigurable entropy coder for multi-standard video adaptation using FaRM**, F. Duhem, N. Marques, Fabrice Muller, H. Rabah, S. Weber, P. Lorenzini, *Microprocessors and Microsystems : Embedded Hardware Design (MICPRO)*, 37(1), pp.1-8, 02/2013, hal-00763904
- **A Circularly-Polarized Array Antenna Using Linearly-Polarized Sub Grid Arrays for Highly-Integrated 60-GHz Radio**, B. Zhang, Y.P. Zhang, D. Titz, Fabien Ferrero, C. Luxey, *IEEE Transactions on Antennas and Propagation*, 61(1), pp.436-439, 01/2013, hal-00763902

- **Polarization-agile ADS-interleaved planar arrays**, Giacomo Oliveri, Leonardo Lizzi, Fabrizio Robol, Andrea Massa, *Progress In Electromagnetics Research*, 142 pp.771-798, 2013, hal-01170215
- **Through the wall radar imaging with MIMO beamforming processing-Simulation and experimental result**, B. Boudamouz, P. Millot, Christian Pichot, *American Journal of Remote Sensing*, 1(1), pp.7-12, 2013, hal-00870287
- **A physical optics approach to the analysis of large frequency selective radomes**, U. D'Elia, S. Pelosi, Christian Pichot, S. Selleri, M. Zoppi, *Progress In Electromagnetic Research (PIER)*, 138 pp.537-553, 2013, hal-00870286
- **A multichannel design for QoS aware energy efficient clustering and routing in wireless sensor networks**, Z. Ali-Khan, Michel Auguin, *International Journal of Sensor Networks*, 13(3), pp.145-161, 2013, hal-00779998

## 2 Communications Invitées (2 publication(s))

- **Power Management Techniques for Autonomous Wireless Communicating Objects**, Alain Pegatoquet, *Power-Autonomous Communicating Objects Conference (PACO)*, 24/10/2013, Aix-en-Provence, FR, hal-00921343
- **Microwave imaging and sensors for medical application**, Christian Pichot, *Interdisciplinary Symposium on Signals and Systems for Medical Applications*, 03/06/2013, Paris, FR, hal-00870288

## 3 Communications Internationales Avec Actes (48 publication(s))

- **Ultra Low Power Asynchronous MAC Protocol using Wake-Up Radio for Energy Neutral Wireless Sensor Networks**, Trong-Nhan Le, Michele Magno, Alain Pegatoquet, Olivier Berder, Olivier Sentieys, Emanuel Popovici, *1st International Workshop on Energy-Neutral Sensing Systems (ENSSys) organized in conjunction with 11th ACM SenSys Conference*, 14/11/2013, Rome, IT, pp.Paper 10, hal-00921329
- **Multi-Source Power Manager for Super-Capacitor based Energy Harvesting Wireless Sensor Networks**, Trong-Nhan Le, Alain Pegatoquet, Olivier Berder, Olivier Sentieys, *1st International Workshop on Energy Neutral Sensing Systems (ENSSys) organized in conjunction with 11th ACM SenSys Conference*, 14/11/2013, Rome, IT, pp.Paper 19, hal-00921320
- **Tunable Antennas Using MEMS Switches for LTE Mobile Terminals**, Aykut Cihangir, Fabien Ferrero, Cyril Luxey, G. Jacquemod, Emmanuel Larique, Renaud Robin, Patrice Brachat, *9th Loughborough Antennas and Propagation Conference (LAPC)*, 11/11/2013, Loughborough, GB, pp.22-26, hal-01347426
- **Characterization of inkjet patch antenna on different ground planes at millimeter-wave frequencies**, V. Semkin, M. Kyro, A.V. Raisanen, A. Bisognin, Fabien Ferrero, C. Luxey, H. Happy, J. Thielleux, W. Wei, *9th Loughborough Antennas and Propagation Conference (LAPC 2013)*, 11/11/2013, Loughborough, GB, pp.286-288, hal-00934421
- **Modeling of the Organ of Corti Stimulated by Cochlear Implant Electrodes**, Umberto Cerasani, William Tatinian, *International Conference on Advances in Human Oriented and Personalized Mechanisms, Technologies and Services*, 27/10/2013, Venice, IT, hal-01435869
- **Study of Cochlear Implants Electrodes Stimulation Based on the Physics of the Ear for Audio Signal Integrity Improvement**, Umberto Cerasani, William Tatinian, *International Conference on Advances in Human Oriented and Personalized Mechanisms, Technologies and Services*, 27/10/2013, Venice, IT, hal-01435866

- **Mobile phone antenna for 2G, 3G and 4G standards**, L.H. Trinh, Fabien Ferrero, Robert Staraj, Jean-Marc Ribero, *International Conference on Advanced Technologies for Communications (ATC)*, 16/10/2013, Ho Chi Minh City, VN, pp.195-202, hal-00958162
- **Application Architecture Adequacy through an FFT case study**, Emilien Kofman, Jean-Vivien Millo, Robert De Simone, *JRWRTC2013 - 7th Junior Researcher Workshop on Real-Time Computing*, 16/10/2013, Sophia Antipolis, FR, hal-00950533
- **Monitoring of systems powered by new micro-batteries and energy harvesters : towards the Energy Neutral Operation (ENO)**, Agnès Fritsch, F. Broekaert, Alain Pegatoquet, F. Gaben, *European Defense Agency (EDA) - Energy IAPI Workshop, Energy Supply for military applications*, 16/10/2013, Freiburg, DE, hal-00921339
- **High Output Dynamic UWB Pulse Generator for BPSK Modulations**, E. Muhr, R. Vauche, S. Bourdel, J. Gaubert, Oswaldo Ramos Sparrow, Nicolas Dehaese, Hervé Barthelemy, I. Benamor, *IEEE International Conference on Ultra Wideband (IC UWB)*, 15/09/2013, Sydney, AU, hal-01435856
- **Duty-Cycle Power Manager for Thermal-Powered Wireless Sensor Networks**, Trong Nhan Le, Alain Pegatoquet, Olivier Sentieys, Olivier Berder, Cécile Belleudy, *2013 IEEE 24th Annual International Symposium on Personal, Indoor, and Mobile Radio Communications (PIMRC)*, 08/09/2013, Londres, GB, pp.1645-1649, hal-00921315
- **Overview of EM imaging and detection of concealed objects : EM modeling, efficient signal processing and experimental result**, P. Millot, B. Boudamouz, N. Maaref, X. Ferrieres, L. Casadebaig, Christian Pichot, *Progress in Electromagnetic Research Symposium (PIERS)*, 12/08/2013, Stockholm, SE, hal-00870293
- **UWB MIMO EM radar imaging for the detection of human beings inside buildings**, B. Boudamouz, P. Millot, X. Ferrieres, Christian Pichot, *Progress in Electromagnetic Research Symposium Symposium (PIERS)*, 12/08/2013, Stockholm, SE, hal-00870292
- **Quasi-Self-Complementary Antenna for Multistandard Radio System**, C. Requin, Georges Kossiavas, Robert Staraj, *IEEE AP-S/USNC-URSI Symposium*, 13/07/2013, Orlando, US, pp.Session : Multiband Antennas for Mobile Devices and Other Applications. Paper Code : 523.4, hal-00855766
- **Fast Analysis and Design Solution of Multi-Antenna System for 1.15 to 5.825GHz Mobile Terminal Applications with Optimizing Isolation Performance**, R. Addaci, Robert Staraj, *IEEE AP-S/USNC-URSI Symposium*, 13/07/2013, Orlando, US, pp.Session : Mobile and small antennas. Paper Code : 411.2, hal-00855765
- **Low-Profile Multimode Antenna for Vehicular Applications**, Léonardo Lizzi, Fabien Ferrero, Jean-Marc Ribero, Robert Staraj, *IEEE AP-S/USNC-URSI Symposium*, 13/07/2013, Orlando, US, pp.Session : VehicularAntennas. Paper Code : IF342.26, hal-00855761
- **700-960MHz MIMO antenna for picocell applications**, L.H. Trinh, Fabien Ferrero, Robert Staraj, Jean-Marc Ribero, *IEEE AP-S/USNC-URSI Symposium*, 13/07/2013, Orlando, US, pp.Session : Antenna Systems for MIMO Communications. Paper Code : 132.2, hal-00855759
- **A new symmetric feeding technique for a broadband series-fed antenna-array**, A. Bisognin, Fabien Ferrero, C. Luxey, G. Jacquemod, R. Pilard, F. Gianesello, D. Gloria, D. Titz, P. Brachat, *IEEE AP-S/USNC-URSI Symposium*, 13/07/2013, Orlando, US, pp.Session : Antenna Challenges Solved by Complex Modeling I. Paper Code : 102.10, hal-00855758
- **End-Fire Radiating Antenna on IPD technology for 60 GHz Communications**, A. Bisognin, C. Luxey, G. Jacquemod, D. Titz, Fabien Ferrero, R. Pilard, F. Gianesello, D. Gloria, C. Laporte, H. Ezzeddine, P. Brachat, *IEEE*

- **Fast analysis and design solution of multi-antenna system for 1.15 to 5.825GHz mobile terminal applications with optimizing isolation performance**, Rafik Addaci, Robert Staraj, *APSURSI, 2013 IEEE Antennas and Propagation Society International Symposium*, 07/07/2013, Orlando, US, pp.1198-1199, hal-00987616
- **Dual complementary planar antennas for highly isolated Tx/Rx UWB systems**, A. Chami, Nicolas Fortino, Georges Kossiavas, P. Brachat, *IEEE Antennas and Propagation International Symposium (APS 2013)*, 07/07/2013, Orlando, US, pp.Session UWB Antennas and Applications II, hal-00933092
- **20 GHz Active Reflectarray using 1-Bit Phase Shifter**, M.N. Bin Zawawi, Jérôme Lanteri, Claire Migliaccio, Christian Pichot, *IEEE-AP-S and USNC-URSI National Radio Science Meeting*, 07/07/2013, Orlando, US, pp.1668-1669, hal-00855763
- **Inversion Algorithm for Optimizing Multi-Antenna Systems**, Z. Zhao, M. Zoppi, Christian Pichot, C. Dede-ban, S. Selleri, S. Pelosi, *IEEE-AP-S and USNC-URSI National Radio Science Meeting*, 07/07/2013, Orlando, US, pp.532-533, hal-00855762
- **Antenna on PEN substrate for Millimeter-wave applications**, A. Bisognin, C. Luxey, G. Jacquemod, Fabien Ferrero, D. Titz, J. Thielleux, W. Wei, P. Brachat, H. Happy, *IEEE AP-S/USNC-URSI Symposium*, 07/07/2013, Orlando, US, ISBN 978-1-4673-5315-1, pp.Session : Low-Profile Wideband Antennas. Paper Code : 301.6, p.684-685, hal-00854756
- **Combination of Two Neutralized Coupling Element Antennas for Low LTE and GSM Mobile Phones**, A. Cihangir, Fabien Ferrero, C. Luxey, G. Jacquemod, F. Sonnerat, R. Pilard, F. Giancesello, D. Gloria, P. Brachat, *IEEE AP-S/USNC-URSI Symposium*, 07/07/2013, Orlando, US, pp.Session : Advances in Antenna Impedance Matching. Paper Code : 121.9, hal-00854753
- **Dualband MICS/WIFI small antenna for portable applications in telemedicine**, H. Hamouda, Philippe Le Thuc, Robert Staraj, Georges Kossiavas, *IEEE International Symposium on Antennas and Propagation and USNC-URSI National Radio Science Meeting*, 07/07/2013, Orlando, US, pp.1734-1735, hal-00854744
- **PIFA Antenna with Tilted Circular Polarization Angle for RFID Readers**, S. Pflaum, F. Canneva, Philippe Le Thuc, Georges Kossiavas, Robert Staraj, *IEEE International Symposium on Antennas and Propagation and USNC-URSI National Radio Science Meeting*, 07/07/2013, Orlando, US, pp.2081-2082, hal-00854743
- **Algebraic Framework for Synchronous Language Semantics**, Daniel Gaffé, Annie Ressouche, *Theoretical Aspects of Software Engineering*, 01/07/2013, Birmingham, GB, pp.51-58, hal-00841559
- **Temperature-aware DVFS-DPM For Real-Time Applications under variable ambient temperature**, K. Baati, Michel Auguin, *IEEE International Symposium on Industrial Embedded Systems*, 19/06/2013, Porto, PT, hal-00839415
- **Artificial neural networks modeling technique for fast analysis and design of multi-antenna systems**, Rafik Adacci, Robert Staraj, *2013 7th European Conference on Antennas and Propagation (EuCAP)*, 08/04/2013, Gothenburg, SE, pp.2034-2037, hal-01618535
- **20-GHz Single-bit Active Elementary Cell**, M.N. Bin Zawawi, Jérôme Lanteri, Claire Migliaccio, *7th European Conference on Antennas and Propagation (EuCAP 2013)*, 08/04/2013, Göteborg, SE, pp.1304-1307, hal-01345711
- **Influence of the Feed Position in Quasi-Self-Complementary Antennas Dedicated to Multistandard Software Radio System**, C. Requin, Georges Kossiavas, Robert Staraj, *7th European Conference on Antennas and*

- **A novel low profile Tapered Slot Antenna with absorbing material for radar imaging system**, G. Clementi, Nicolas Fortino, Jean-Yves Dauvignac, *7th European Conference on Antennas and Propagation (EuCAP)*, 08/04/2013, Göteborg, SE, pp.2891-2895, E-ISBN 978-88-907018-1-8, hal-00926025
- **Active Cell for 8-zone Reconfigurable Fresnel Reflector Using PLL-based Phase Shifter**, M. Lombard, Jérôme Lanteri, William Tatinian, *7th European Conference on Antennas and Propagation (EuCAP 2013)*, 08/04/2013, Göteborg, SE, pp.2942-2946, hal-00924755
- **D-band Quasi-Yagi antenna in IPD process**, A. Bisognin, D. Titz, Fabien Ferrero, C. Luxey, G. Jacquemod, P. Brachat, C. Laporte, H. Ezzeddine, *7th European Conference on Antennas and Propagation (EuCAP 2013)*, 08/04/2013, Göteborg, SE, pp.330-331, hal-00918962
- **A bandwidth-enhanced antenna in LDS technology for LTE700 and GSM850/900 standards**, A. Cihangir, Fabien Ferrero, C. Luxey, G. Jacquemod, P. Brachat, *7th European Conference on Antennas and Propagation (EuCAP 2013)*, 08/04/2013, Göteborg, SE, pp.2786-2789, hal-00918913
- **IPD technology for passive circuits and antennas at millimeter-wave frequencies**, A. Bisognin, D. Titz, Fabien Ferrero, C. Luxey, G. Jacquemod, P. Brachat, C. Laporte, H. Ezzeddine, R. Pilard, F. Giancesello, D. Gloria, *7th European Conference on Antennas and Propagation (EuCAP 2013)*, 08/04/2013, Göteborg, SE, pp.326-329, hal-00918909
- **Design of light and low-profile antennas for vehicular applications**, Leonardo Lizzi, Fabien Ferrero, Jean-Marc Ribero, Robert Staraj, *7th European Conference on Antennas and Propagation (EuCAP 2013)*, 08/04/2013, Göteborg, SE, pp.1281-1284, hal-00918903
- **A Two Curved PIFA System For MIMO Application**, H. Hamouda, Philippe Le Thuc, Robert Staraj, Georges Kossiavas, *7th European Conference on Antennas and Propagation (EuCAP)*, 08/04/2013, Gothenburg, SE, pp.1163-1166, hal-00854741
- **Circularly Polarized Patch Antenna using UC-PBG structure for RFID Readers**, S. Pflaum, Philippe Le Thuc, Georges Kossiavas, Robert Staraj, *7th European Conference on Antennas and Propagation (EuCAP)*, 08/04/2013, Gothenburg, SE, pp.2014-2017, hal-00854739
- **Imaging of ultra-wide band georadar data**, R.J. Ferguson, M. Yedlin, Christian Pichot, Jean-Yves Dauvignac, Nicolas Fortino, S. Gaffet, *European Geosciences Union General Assembly (EGU2013)*, 07/04/2013, Vienne, AT, Geophysical Research Abstracts, Vol. 15, pp. EGU2013-12919, hal-00870290
- **A space-efficient coupling element antenna for WWAN applications**, A. Cihangir, Fabien Ferrero, Cyril Luxey, G. Jacquemod, *International Workshop on Antenna Technology (iWAT)*, 04/03/2013, Karlsruhe, DE, pp.55-58, hal-00918901
- **Adaptive Filter for Energy Predictor in Energy Harvesting Wireless Sensor Networks**, Trong-Nhan Le, Olivier Sentieys, Olivier Berder, Alain Pegatoquet, Cécile Belleudy, *26th IEEE International Conference on Architecture of Computing Systems (ARCS), 3rd Workshop on Ultra Low Power (WUPS)*, 19/02/2013, Prague, CZ, pp.1-4, hal-00921309
- **Mobility Management Approach for IEEE802.15.4/ZigBee Nodes in a Noisy Environment**, C. Chaabane, Alain Pegatoquet, Michel Auguin, M. Ben Jemaa, *26th IEEE International Conference on Architecture of Computing Systems (ARCS), 3rd Workshop on Ultra Low Power (WUPS)*, 19/02/2013, Prague, CZ, pp.1-5, hal-00839416
- **A digitally modulated mm-Wave cartesian beamforming transmitter with quadrature spatial combining**, J.

Chen, Lu Ye, D. Titz, F. Gianesello, R. Pilard, A. Cathelin, Fabien Ferrero, C. Luxey, A.M. Niknejad, *IEEE International Solid-State Circuits Conference Digest of Technical Papers (ISSCC)*, 17/02/2013, San Francisco, US, pp.232-233, hal-00918898

- **Energy Analysis of a Real-Time Multiprocessor Control of Idle States on ARM platforms**, J.J. Khan, Sébastien Bilavarn, K. Bhatti, Cécile Belleudy, *3rd International Conference on Pervasive and Embedded Computing and Communication Systems (PECCS 2013)*, 09/02/2013, Barcelone, ES, pp.Session Mobile and Pervasive Computing. Paper 39, hal-00864637
- **Power-Aware Wrappers for Transaction-Level Virtual Prototypes : a Black Box Based Approach**, O. Mbarek, Alain Pegatoquet, Michel Auguin, H.E. Fathallah, *International Conference on VLSI Design*, 05/01/2013, Pune, IN, pp.239-244, hal-00780001
- **Conformal antenna array for 60 GHz applications**, Vasili Semkin, Mikko Kyrö, Veli-Matti Kolmonen, Cyril Luxey, Aimeric Bisognin, Fabien Ferrero, Henri Happy, Antti V. Räsänen, *7th European Conference on Antennas and Propagation, EuCAP 2013*, 2013, Gothenburg, SE, pp.605-608, hal-00877722

## 4 Communications Nationales Avec Actes (27 publication(s))

- **Calibrage dynamique pour l'imagerie quantitative en bande W**, A. Moynot, Claire Migliaccio, A. Zeitler, Iannis Aliferis, Jean-Yves Dauvignac, Christian Pichot, *Journées Nationales Microondes (JNM2013)*, 15/05/2013, Paris, FR, pp.Papier J2-ST2-4, hal-00870295
- **Antenne en cosécante carrée pour la détection de débris sur pistes d'aéroport**, T. P. Nguyen, Claire Migliaccio, Christian Pichot, W. Menzel, P. Feil, *Journées Nationales Microondes (JNM)*, 15/05/2013, Paris, FR, pp.J2-ST2-1.pdf, hal-00862553
- **Caractérisation complète d'une rectenna miniaturisée**, Oualid Makhlof, Thi Quynh Van Hoang, Eric Séguenot, Alexandre Douyère, Jean-Lou Dubard, Jean-Daniel Lan Sun Luk, *18èmes Journées Nationales Microondes (JNM)*, 14/05/2013, Paris, FR, pp.J3-AP-P7.pdf, hal-00862594
- **Simulation du rayonnement d'un canal plasma créé par un laser femtoseconde**, M. Al Naboulsi, Maryléne Cueille, Jean-Lou Dubard, *Journées Nationales Microondes (JNM)*, 14/05/2013, Paris, FR, pp.J3-AP-P6.pdf, hal-00862592
- **Antenne en technologie LDS pour terminaux mobiles LTE700 et GSM850/900**, A. Cihangir, F. Sonnerat, Fabien Ferrero, R. Pilard, F. Gianesello, D. Gloria, C. Luxey, G. Jacquemod, P. Brachat, *18èmes Journées Nationales Microondes (JNM)*, 14/05/2013, Paris, FR, pp.J3-AP3-5.pdf, hal-00862589
- **Miniaturisation d'antenne IFA avec un matériau magnéto-diélectrique pour application LTE 700-GSM dans une pico**, L.H. Trinh, E. Le Guen, Fabien Ferrero, Robert Staraj, Jean-Marc Ribero, Jean-Luc Mattei, *18èmes Journées Nationales Microondes (JNM)*, 14/05/2013, Paris, FR, pp.J3-AP3-3.pdf, hal-00862587
- **Coupleurs hybrides miniatures large bande en technologie BiCMOS pour circuits fonctionnant à 60 GHz**, D. Titz, Fabien Ferrero, Cyril Luxey, G. Jacquemod, R. Pilard, F. Gianesello, D. Gloria, *18èmes Journées Nationales Microondes (JNM)*, 14/05/2013, Paris, FR, pp.J3-DP-P9.pdf, hal-00862584
- **Réseau réflecteur actif à base de déphaseurs 1-bit à 20GHz**, M.N. Binzawawi, Jérôme Lanteri, Claire Migliaccio, *18èmes Journées Nationales Microondes (JNM)*, 14/05/2013, Paris, FR, pp.J2-AP-P13.pdf, hal-00862583
- **Antenne multi-bandes multi-modes pour applications sur véhicules**, Leonardo Lizzi, Fabien Ferrero, Jean-

- **Nouvelle technique d'alimentation symétrique pour réseaux d'antennes en bandes millimétriques**, A. Bisognin, D. Titz, Fabien Ferrero, Cyril Luxey, G. Jacquemod, R. Pilard, F. Gianesello, D. Gloria, P. Brachat, *18èmes Journées Nationales Microondes (JNM)*, 14/05/2013, Paris, FR, pp.J2-AP-P25.pdf, hal-00862577
- **Co-design d'une antenne en mode simple vs différentiel pour un démonstrateur IR-UWB dédié à des applications BAN**, A. Chami, P. Brachat, Nicolas Fortino, Georges Kossiavas, *18èmes Journées Nationales Microondes (JNM)*, 14/05/2013, Paris, FR, pp.J2-AP-P10.pdf, hal-00862564
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