

# Publication du LEAT de l'année 2014

3 juillet 2018



## 1 Articles en Revue ou Journal avec Comité de Lecture (20 publication(s))

- **Simple bandwidth-enhancement technique for miniaturised low-profile UWB antenna design**, R. Addaci, N. Hamdiken, T. Fortaki, Fabien Ferrero, D. Seetharamdoo, Robert Staraj, *Electronics Letters*, 50(22), pp.1564-1566, 10/2014, hal-01090682
- **High rate UWB CMOS transceiver chipset for WBAN and biomedical applications**, Oswaldo Ramos Sparrow, R. Vauche, Nicolas Dehaese, S. Bourdel, J. Gaubert, I. Ben Amor, E. Muhr, P. Losco, O. Fourquin, *Analogue Integrated Circuits and Signal Processing*, 81(1), pp.215-227, 07/2014, hal-01435829
- **Design of Multi-Antenna System for UMTS Clamshell Mobile Phones with Ground Plane Effects Considerations**, R. Addaci, Aliou Diallo, Philippe Le Thuc, Cyril Luxey, Robert Staraj, *RADIOENGINEERING*, 23(2), pp.724-732, 06/2014, hal-00979540
- **New Wideband Miniature Branchline Coupler on IPD Technology for Beamforming Applications**, Diane Titz, Fabien Ferrero, Romain Pilard, Claire Laporte, S. Jan, Ezzeddine Hilal, Frédéric Giancesello, Daniel Gloria, Gilles Jacquemod, Cyril Luxey, *IEEE Transactions on Components Packaging and Manufacturing Technology*, 4(5), pp.911-921, 05/2014, hal-01089561
- **A Joint Duty-Cycle and Transmission Power Management for Energy Harvesting WSN**, A. Castagnetti, Alain Pegatoquet, Trong-Nhan Le, Michel Auguin, *IEEE Transactions on Industrial Informatics*, 10(2), pp.928-936, 05/2014, hal-00987376
- **PCB Integration of a Vivaldi Antenna on IPD Technology for 60-GHz Communications**, Aimeric Bisognin, Diane Titz, Fabien Ferrero, Gilles Jacquemod, Romain Pilard, Patrice Brachat, Frédéric Giancesello, Daniel Gloria, C. Laporte, Ezzeddine Hilal, Cyril Luxey, *IEEE Antennas and Wireless Propagation Letters*, 13 pp.678-681, 04/2014, hal-01089560
- **A Novel Compact Dual-Band LTE Antenna-System for MIMO Operation**, I. Dioum, Aliou Diallo, S.M. Farssi, C. Luxey, *IEEE Transactions on Antennas and Propagation*, 62(4), pp.2291-2296, 04/2014, hal-00952968

- **Millimeter-Wave Miniaturized Couplers Integrated on BiCMOS Technology**, Diane Titz, Fabien Ferrero, R. Pilard, Sébastien Jan, F. Giancesello, C. Luxey, D. Gloria, Gilles Jacquemod, *Microwave and Optical Technology Letters*, 56(3), pp.587-590, 03/2014, hal-01083778
- **Miniature antennas embedded in electronic devices with micro-SD card form factor for telemedicine applications**, H. Hamouda, Philippe Le Thuc, Robert Staraj, Georges Kossiavas, *Electronics Letters*, 50(6), pp.429-431, 03/2014, hal-00979542
- **Dual-Band WLAN Multiantenna System and Diversity/MIMO Performance Evaluation**, R. Addaci, K. Hamed, Aliou Diallo, Philippe Le Thuc, Cyril Luxey, Robert Staraj, P. Vainikainen, *IEEE Transactions on Antennas and Propagation*, 62(3), pp.1409-1415, 03/2014, hal-00979538
- **A Joint Mobility Management Approach and Data Rate Adaptation Algorithm for IEEE802.15.4/ZigBee Nodes**, C. Chaabane, Alain Pegatoquet, Michel Auguin, M. Ben Jemaa, *International journal on Wireless Sensor Network (WSN)*, 02/2014, hal-00924486
- **Power Consumption Models for the Use of Dynamic and Partial Reconfiguration**, Robin Bonamy, Sébastien Bilavarn, Daniel Chillet, Olivier Sentieys, *Microprocessors and Microsystems : Embedded Hardware Design (MICPRO)*, 29/01/2014, hal-00941532
- **Effectiveness of Power Strategies for Video Applications : A Practical Study**, Sébastien Bilavarn, Jabran Khan, Cécile Belleudy, Muhammad K. Bhatti, *Journal of Real-Time Image Processing*, 12(1), pp.123-132, 01/2014, hal-00961508
- **Neutralized Coupling Elements for MIMO Operation in 4G Mobile Terminals**, A. Cihangir, Fabien Ferrero, Gilles Jacquemod, P. Brachat, Cyril Luxey, *IEEE Antennas and Wireless Propagation Letters*, 13 pp.141-144, 01/2014, hal-01089559
- **Improved Measurement Accuracy of Probe-Fed mm-Wave Antennas Using the Three Method**, Diane Titz, Romain Pilard, Fabien Ferrero, Frédéric Giancesello, Daniel Gloria, Gilles Jacquemod, Cyril Luxey, *IEEE Antennas and Wireless Propagation Letters*, 13 pp.103-105, 01/2014, hal-01089558
- **Babinet's principle applied to ultra-wideband antennas for high isolation**, A. Chami, P. Brachat, Nicolas Fortino, Georges Kossiavas, *Electronics Letters*, 50(2), pp.60-62, 01/2014, hal-00933090
- **Modeling of the Organ of Corti Stimulated by Cochlear Implant Electrodes and Electrodes Potential Definition Based on their Part inside the Cochlear**, Umberto Cerasani, William Tatinian, *International Journal On Advances in Life Sciences*, 6(1-2), pp.52-61, 2014, hal-01435824
- **Integration of Resonant and Non-Resonant Antennas for Coverage of 4G LTE Bands in Handheld Terminals**, A. Cihangir, Fabien Ferrero, Gilles Jacquemod, P. Brachat, Cyril Luxey, *Forum for Electromagnetic Research Methods and Application Technologies (FERMAT)*, 3 pp.12 p., 2014, hal-01090679
- **Simple antenna structure enabling the simultaneous excitation of two different polarisation and radiation modes**, Leonardo Lizzi, Fabien Ferrero, Jean-Marc Ribero, Robert Staraj, *IET Microwaves Antennas and Propagation*, 8(12), pp.921-930, 2014, hal-01089562
- **Inkjet coplanar square monopole on flexible substrate for 60-GHz applications**, Aimeric Bisognin, Julien Thielleux, Wei Wei, Diane Titz, Fabien Ferrero, Patrice Brachat, Gilles Jacquemod, Henri Happy, Cyril Luxey, *IEEE Antennas and Wireless Propagation Letters*, 13 pp.435-438, 2014, hal-00978298

## 2 Brevets (1 publication(s))

- **Method for scheduling with deadline constraints, in particular in linux, carried out in user space**, Sébastien Bilavarn, Muhammad Khurram Bhatti, Cécile Belleudy, International Application No PCT/IB2013/059916, *France*, Patent n : International Application No PCT/IB2013/059916. 2014, 15/05/2014, hal-01104569

## 3 Communications Invitées (1 publication(s))

- **Challenges in Microwave imaging for medical applications**, Christian Pichot, *Workshop "Challenges in medical imaging : numeric, high performance computing, inverse problems"*, 21/05/2014, Glasgow, GB, hal-01178333

## 4 Communications Internationales Avec Actes (37 publication(s))

- **Estimation of the Temperature Sensitivity of a 8-Elements Switched Antenna for Land-Mine Radar**, Claire Migliaccio, G. Clementi, Jean-Yves Dauvignac, J. Willebois, C. Chekroun, *International Conference on Antenna Measurements & Applications : Focus on Antenna Systems (CAMA 2014)*, 16/11/2014, Antibes-Juan les Pins, FR, pp.Session APP5, hal-01089595
- **Electronical Beam Scanning Using Integrated CMOS Continuous 0-360 Phase Shifter**, William Tatinian, Jérôme Lanteri, *International Conference on Antenna Measurements & Applications : Focus on Antenna Systems (CAMA 2014)*, 16/11/2014, Antibes-Juan les Pins, FR, pp.Session APP4, hal-01089591
- **RSSI Measurements to Achieve Mouse Localization in a Cage**, P. Perrissol, Leonardo Lizzi, Aliou Diallo, Philippe Le Thuc, Robert Staraj, G. Carle, *International Conference on Antenna Measurements & Applications : Focus on Antenna Systems (CAMA 2014)*, 16/11/2014, Antibes-Juan les Pins, FR, pp.Session APP4, hal-01089589
- **UWB Antenna 3D Characterization Using Matrix Pencil Method**, Abdellah Roussafi, Nicolas Fortino, Jean-Yves Dauvignac, *International Conference on Antenna Measurements & Applications : Focus on Antenna Systems (CAMA 2014)*, 16/11/2014, Antibes-Juan les Pins, FR, pp.Special Session SP5, hal-01089586
- **Rectenna Measurement in a Realistic Environment**, T.Q.V. Hoang, L.H. Trinh, Fabien Ferrero, E. Seguenot, T. P. Vuong, Jean-Lou Dubard, *International Conference on Antenna Measurements & Applications : Focus on Antenna Systems (CAMA 2014)*, 16/11/2014, Antibes-Juan les Pins, FR, pp.Special Session SP3, hal-01089584
- **Experimental Validation of a Miniature Implantable RFID Tag Antenna for Small Animals Monitoring**, Leonardo Lizzi, P. Perrissol, Fabien Ferrero, Philippe Le Thuc, Robert Staraj, *International Conference on Antenna Measurements & Applications : Focus on Antenna Systems (CAMA 2014)*, 16/11/2014, Antibes-Juan les Pins, FR, pp.Special Session SP3, hal-01089578
- **Design of a Dual-Band MIMO Wifi Gateway**, Fabien Ferrero, C. Buey, J.-M. Fargeas, Ph. Ratajczak, K. Bashir, L.H. Trinh, *International Conference on Antenna Measurements & Applications : Focus on Antenna Systems (CAMA 2014)*, 16/11/2014, Antibes-Juan les Pins, FR, pp.Special Session SP3, hal-01089573
- **A Power Manager with Balanced Quality of Service for Energy-Harvesting Wireless Sensor Nodes**, Trong Nhan Le, Alain Pegatoquet, Olivier Berder, Olivier Sentieys, *International Workshop on Energy Neutral Sensing Systems (ENSSys) - ENSSys '14*, 06/11/2014, Memphis, US, pp.19-24, hal-01069099
- **Low Power Architecture Exploration for Standalone Fall Detection System Based on Computer Vision**, Hong Thi Khanh Nguyen, Hassoon Fahama, Cecile Belleudy, Tuan Van Pham, *2014 European Modelling Sympo-*

- **Wideband Antenna for Land-mine Detection Radar**, G. Clementi, Claire Migliaccio, Jean-Yves Dauvignac, Nicolas Fortino, J. Willebois, C. Chekroun, *RADAR 2014*, 13/10/2014, Lille, FR, pp.Session THO.2.6, hal-01101165
- **Temperature Sensitivity Measurements of a Resistively Loaded Wideband Antenna**, G. Clementi, Claire Migliaccio, Jean-Yves Dauvignac, J. Willebois, *EuRAD-EuMW*, 08/10/2014, Rome, IT, pp.345-348, hal-01101164
- **AUTSEG : Automatic Test Set Generator for Embedded Reactive Systems**, Mariem Abdelmoula, Daniel Gaffé, Michel Auguin, *26th IFIP International Conference on Testing Software and Systems (ICTSS)*, 23/09/2014, Madrid, ES, LNCS-8763, pp.97-112, hal-01069101
- **Revamping a lab course for the education of students in electronic engineering**, Miguel A. Garcia Pérez, Yves Leduc, Fabien Ferrero, *2014 6th European Embedded Design in Education and Research Conference (EDERC)*, 11/09/2014, Milan, IT, pp.162-166, hal-01793869
- **Very Fast co-simulation model and accurate on-the-fly performance estimation methodology for heterogeneous MPSoC**, N. Serna, François Verdier, *IEEE International System-on-Chip Conference (SOCC)*, 02/09/2014, Las Vegas, NV, US, pp.210-215, hal-01328426
- **Antenna-array topologies for mm-wave beamforming transmitter with quadrature spatial combining**, D. Titz, A. Bisognin, J. Chen, Fabien Ferrero, R. Pilard, F. Giancesello, A. Cathelin, A.M. Niknejad, Cyril Luxey, *2014 IEEE-APS Topical Conference on Antennas and Propagation in Wireless Communications (APWC)*, 03/08/2014, Palm Beach, AN, pp.399-402, hal-01793916
- **Comparizon of 3D printed Plastic and micromachined Teflon Lenses for WiGig modules**, A. Bisognin, D. Titz, Cyril Luxey, G. Jacquemod, R. Pilard, F. Giancesello, D. Gloria, Fabien Ferrero, Delphine Lugara, Jorge Costa, Carlos Fernandes, *2014 IEEE Antennas and Propagation Society International Symposium (APSURSI)*, 06/07/2014, Memphis, US, pp.109-110, hal-01793986
- **Shape gradient optimization for planar antenna arrays**, Zhidong Zhao, Christian Pichot, Claude Dedeban, *IEEE AP-S and USNC-URSI National Radio Science Meeting*, 06/07/2014, Memphis, US, pp.Session Optimization Driven Design, TF221.28, 1954-1955, hal-01178334
- **Synthesis of Miniature Pattern-Reconfigurable Antennas for Smart Wireless Sensor Nodes**, Léonardo Lizzi, L.H. Trinh, Fabien Ferrero, Alain Pegatoquet, Jean-Marc Ribero, Robert Staraj, *IEEE International Symposium on Antennas and Propagation (APS)*, 06/07/2014, Memphis, US, pp.1443-1444, hal-01069100
- **Space Diversity for Robust Wireless Power Transmission in Multipath Environments**, T.Q.V. Hoang, L.H. Trinh, Fabien Ferrero, Tan-Phu Vuong, Jean-Lou Dubard, *IEEE International Symposium on Antennas and Propagation - USNC-URSI Radio Science Meeting*, 06/07/2014, Memphis, US, pp.1125-1126, hal-00987382
- **Exploitation of the UC-PBG Structure as Ground Plane to Enhance Microstrip Antenna Bandwidth**, S. Pflaum, Léonardo Lizzi, Philippe Le Thuc, Georges Kossivas, Robert Staraj, *IEEE International Symposium on Antennas and Propagation and USNC-URSI National Radio Science Meeting*, 06/07/2014, Memphis, US, pp.Session Broadband Fractal and Metamaterial-based Antennas, paper 211.1, hal-00979558
- **3D printed plastic 60 GHz lens : Enabling innovative millimeter wave antenna solution and system**, Aime-ric Bisognin, Diane Titz, Fabien Ferrero, Romain Pilard, Carlos Fernandes, Jorge Costa, Christian Corre, Pierino Calascibetta, Jean-Michel Rivière, Alexis Poulain, Christian Badard, Frédéric Giancesello, Cyril Luxey, Pierre Busson, Daniel Gloria, Didier Belot, *2014 IEEE/MTT-S International Microwave Symposium - MTT 2014*, 01/06/2014, Tampa, US, pp.1-4, hal-01798117

- **Multi-shape Tasks Scheduling for Online Multitasking on FPGAs**, G. Wassi, Mohamed El Amine Benkhelifa, Geoff Lawday, François Verdier, Samuel Garcia, *International Symposium on Reconfigurable Communication-centric Systems-on-Chip (ReCoSoC'2014)*, 26/05/2014, Montpellier, FR, hal-00991249
- **MRAPI Resource Management Layer on Reconfigurable Systems-on-Chip**, Laurent Gantel, Mohamed El Amine Benkhelifa, François Verdier, Fabrice Lemonnier, *International Symposium on Reconfigurable Communication-centric Systems-on-Chip (ReCoSoC'2014)*, 26/05/2014, Montpellier, FR, pp.1-7, hal-00987324
- **MRAPI Implementation for Heterogeneous Reconfigurable Systems-on-Chip**, Laurent Gantel, Mohamed El Amine Benkhelifa, François Verdier, Fabrice Lemonnier, *22nd Annual International Symposium on Field-Programmable Custom Computing Machines (FCCM)*, 11/05/2014, Boston, MA, US, pp.239, hal-01329302
- **Power evaluation of Sobel filter on Xilinx platform**, Hong T.K. Nguyen, Cecile Belleudy, Tuan V. Pham, *2014 IEEE Faible Tension, Faible Consommation (FTFC) [Low Voltage, Low Power]*, 04/05/2014, Monaco, FR, pp.1-5, hal-01790846
- **Estimation of optimum antenna configurations supported by realistic propagation models at 60 GHz**, Vasilii Semkin, Martin Jacob, Thomas Kürner, Aimeric Bisognin, Fabien Ferrero, Cyril Luxey, Antti V. Räsänen, *2014 8th European Conference on Antennas and Propagation (EuCAP)*, 06/04/2014, The Hague, NL, pp.3434-3438, hal-01797961
- **Multi-Standard Miniature Antenna for Smart Wireless Handheld Devices Application**, R. Addaci, Divitha Seetharamdoo, L.H. Trinh, Fabien Ferrero, Robert Staraj, Marion Berbineau, *8th European Conference on Antennas and Propagation (EuCAP 2014)*, 06/04/2014, La Hague, NL, pp.1569840557.pdf, hal-00979932
- **Multi-band Multi-Antenna System with New Approach of PIFA Bandwidth Enhancement**, R. Addaci, Fabien Ferrero, Divitha Seetharamdoo, L.H. Trinh, Robert Staraj, Marion Berbineau, *8th European Conference on Antennas and Propagation (EuCAP 2014)*, 06/04/2014, La Hague, NL, pp.1569862467.pdf, hal-00979931
- **Performance of a Cross Dipole Antenna Dedicated to Biological Telemetry**, P. Perrissol, Aliou Diallo, Philippe Le Thuc, Robert Staraj, G.F. Carle, *8th European Conference on Antennas and Propagation (EuCAP 2014)*, 06/04/2014, La Hague, NL, pp.1569859889.pdf, hal-00979924
- **System Modeling of the RFID Contactless Inductive Coupling Using 13.56 MHz Loop Antennas**, O. Mourad, Philippe Le Thuc, Robert Staraj, P. Iliev, *8th European Conference on Antennas and Propagation (EuCAP 2014)*, 06/04/2014, La Hague, NL, pp.1569860523.pdf, hal-00979923
- **Small Antenna Embedded in a Wrist-Watch for Application in Telemedicine**, H. Hamouda, Philippe Le Thuc, Robert Staraj, Georges Kossiavas, *8th European Conference on Antennas and Propagation (EuCAP 2014)*, 06/04/2014, La Hague, NL, pp.1569860333.pdf, hal-00979922
- **Probe-fed Measurement System for F-band Antennas**, A. Bisognin, D. Titz, Fabien Ferrero, G. Jacquemod, R. Pilard, F. Gianesello, D. Gloria, C. Laporte, H. Ezzeddine, D. Lugara, C. Luxey, *8th European Conference on Antennas and Propagation (EuCAP 2014)*, 06/04/2014, La Hague, NL, pp.1569845323.pdf, hal-00979921
- **Investigation of Tunable Matching Circuits for Multiband 4G Handsets**, A. Cihangir, Fabien Ferrero, C. Luxey, Alexandre Reinhardt, L. Dussopt, Nicolas Lorphelin, Nizar Obeid, P. Brachat, *8th European Conference on Antennas and Propagation (EuCAP 2014)*, 06/04/2014, La Hague, NL, pp.601-604, 1569845315.pdf, hal-00979569
- **Power Estimation Method Based on Real Measurements for Processor-based Designs on FPGA**, S. Moataz, François Verdier, Cécile Belleudy, *International Conference on Computational Science and Computational Intelligence (CSCI 2014)*, 10/03/2014, Las Vegas, US, 2, pp.260-263, hal-01024820

- **Utilization of tunable components for 4G frequency reconfigurable mobile terminal antenna**, Aykut Cihan-gir, Fabien Ferrero, Cyril Luxey, Gilles Jacquemod, Alexandre Reinhardt, Laurent Dussopt, Nicolas Lorphelin, Christophe Pavageau, Patrice Brachat, *2014 International Workshop on Antenna Technology : Small Antennas, Novel EM Structures and Materials, and Applications (iWAT)*, 04/03/2014, Sydney, AU, pp.61-64, hal-01793830
- **Comparison of receiver architecture in terms of power consumption and Noise Figure for cochlear implants application**, Umberto Cerasani, P. Ndungidi, William Tatinian, C. Dualibe, C. Valderrama, *International Conference on Systems (ICONS 2014)*, 23/02/2014, Nice, FR, pp.18-21, hal-01435870
- (Poster) **20-GHz 1-Bit Slotted Active Elementary Cell**, M.N. Bin Zawawi, Jérôme Lanteri, Claire Migliaccio, *8th European Conference on Antennas and Propagation (EuCAP 2014)*, 08/04/2014, The Hague, NL, pp.Session Refectarrays, Transmitarrays and FSSs, Wed.1.8, hal-01178332

## 5 Communications Nationales Avec Actes (3 publication(s))

- **ESL design approach of Hw/Sw wireless devices based on a Virtual Platform/Network Simulator co-simulation environment**, Wafa Khelif, Hend Affes, Michel Auguin, Xavier Buisson, *Sophia Antipolis Micro-Electronic Symposium (SAME), University Booth*, 02/10/2014, Sophia Antipolis, FR, hal-01147386
- **Conception et caractérisation d’antennes ULB pour systèmes de télécommunication et Radar**, A. Chami, Guillaume Clementi, Jean-Yves Dauvignac, Nicolas Fortino, Georges Kossiavas, *Journée Communauté de Compétences Techniques "Récentes études dans le domaine des antennes très large bande"*, 27/03/2014, Toulouse, FR, hal-01178335
- (Poster) **Linux Embarqué - Développement de pilotes périphériques**, Sébastien Bilavarn, *13èmes journées pédagogiques du CNFM*, 19/11/2014, Saint-Malo, FR, hal-01104573

## 6 Communications Sans Actes (7 publication(s))

- **Antennes Reconfigurables en Directivité dans les Réseaux de Capteurs. Défis et Verrous Associés**, Leonardo Lizzi, L.H. Trinh, Fabien Ferrero, Alain Pegatoquet, Jean-Marc Ribero, Robert Staraj, *Journée thématique Inter-GDR (SoC-SIP/ONDES)*, 04/12/2014, Paris, FR, pp.Connexion intelligente du futur : quels défis technologiques et sociétaux, hal-01344459
- **Antenne miniature intégrée sur une montre pour applications en télémédecine**, H. Hamouda, *e-PSP 2014 : colloque annuel d’e-Plateformes de Santé de Proximité*, 27/11/2014, Biot, FR, hal-01134255
- **Power Management Techniques for Autonomous WSN**, Alain Pegatoquet, *UCN@Sophia Labex Seminar*, 30/10/2014, Sophia Antipolis, FR, hal-01353494
- **Efficient MAC protocol for multi-hopping in autonomous WSN**, Trong-Nhan Le, *Journée thématique Energy Aware Network, Labex UCN@SOPHIA*, 14/10/2014, Sophia Antipolis, FR, hal-01353492
- **Energy-aware architecture for WBAN sensor node**, Cécile Belleudy, *Journée thématique Energy Aware Network, Labex UCN@SOPHIA*, 14/10/2014, Sophia Antipolis, FR, hal-01353490
- **Integrating modelling and experimental platforms in research infrastructure : design and approach in AnaEE-France.**, Andre Chanzy, Christian Pichot, Cécile Callou, Francois Lafolie, M. Loreau, H Raynal, Lu-

cile Greiveldinger, *International Conference on Experimentation in Ecosystem Research in a Changing World : Challenges and Opportunities*, 09/2014, Paris, FR, hal-01335951

- **Drone for Humanitarian Operations**, Tullio Joseph Tanzi, Ludovic Apvrille, Jean Luc Dugelay, Claire Migliaccio, Julien Morel, Franck Guarnieri, *3rd Institut Mines-Télécom symposium -*, 27/03/2014, Paris, FR, pp.Topic Digital technologies scale and complexity, hal-01262836

## 7 Thèses et HDR (6 publication(s))

- (THESE) **Génération automatique de jeux de tests avec analyse symbolique des données pour les systèmes embarqués**, Mariem Abdelmoula, Université Nice Sophia Antipolis, 18/12/2014, tel-01168313
- (THESE) **Modélisation et conception d'un récepteur non cohérent ultra large bande pour les communications ULB radio impulsionnelle dans la bande 3-5 GHz**, Oswaldo Ramos Sparrow, Université Nice Sophia Antipolis, 17/11/2014, tel-01127199
- (THESE) **Modélisation et optimisation d'un émetteur-récepteur faible bruit pour implants cochléaires**, Umberto Cerasani, Université Nice Sophia Antipolis, 12/09/2014, tel-01423849
- (THESE) **Système embarqué autonome en énergie pour objets mobiles communicants**, Chiraz Chaabane, Université Nice Sophia Antipolis ; École Nationale d'Ingénieurs de Sfax, 30/06/2014, tel-01081583
- (THESE) **Système embarqué autonome en énergie pour objets mobiles communicants**, Chiraz Chaabane, Université Nice Sophia Antipolis, 30/06/2014, tel-01071056
- (THESE) **Conception d'antennes et de circuits d'adaptation associés pour des objets communicants 4G**, Aykut Cihangir, Université Nice Sophia Antipolis, 06/03/2014, tel-00976632

## 8 Poster Sans Actes(2 publication(s))

- **Modeling a Node's System-On-Chip for a More Reliable Simulation of Wireless Sensor Networks**, Calypso Barnes, Jean-Marie Cottin, François Verdier, Alain Pegatoquet, *Sensors Energy harvesting wireless Network & Smart Objects conference (SENSO)*, 22/10/2014, Aix-en-Provence, FR, hal-01329305
- **Modeling a Node's System-On-Chip for a More Reliable Simulation of Wireless Sensor Networks**, Calypso Barnes, Jean-Marie Cottin, François Verdier, Alain Pegatoquet, *Journée thématique Energy Aware Network, Labex UCN@SOPHIA*, 14/10/2014, Sophia Antipolis, FR, hal-01329304

## 9 Rapport de Recherche (3 publication(s))

- **Mesure de système miniature à 868 MHz**, Zayd Ouachicha, [Stage] Université de Nice-Sophia Antipolis. 2014, hal-01716850
- **Système antennaire directif et reconfigurable pour réseaux de capteurs sans fil**, Akimu Dihissou, [Stage] Université de Nice-Sophia Antipolis. 2014, hal-01716849
- **Dimensionnement et évaluation d'un routeur à 8 antennes WiFi**, Cyril Buey, [Stage] Université de Nice-Sophia Antipolis. 2014, hal-01716848

## 10 Autres (3 publication(s))

- **Changer le cours magistral : pédagogies actives et classe inversée**, , Changer le cours magistral : pédagogies actives et classe inversée. 2014 Changer le cours magistral : pédagogies actives et classe inversée, 11/2014, hal-01359213
- **Changer le cours magistral : pédagogies actives et classe inversée à Polytech’Nice-Sophia**, , Changer le cours magistral : pédagogies actives et classe inversée à Polytech’Nice-Sophia. 2014 Changer le cours magistral : pédagogies actives et classe inversée à Polytech’Nice-Sophia, 04/2014, hal-01359214
- **CLEM version 1.0.0**, , Dépôt conjoint entre l’UNS (Daniel Gaffé) et l’INRIA Rocquencourt Certificat délivré pa.. 2014 Dépôt conjoint entre l’UNS (Daniel Gaffé) et l’INRIA Rocquencourt Certificat délivré par l’Agence pour la Protection des Programmes (AAP) Inter Deposit Digital Number IDDN.FR.001.170011.000.S.P.2014.000.1, 02/2014, hal-01345667

Soit un total de 83 publication(s)