



UMR CNRS N° 7248

**Laboratoire d'Electronique, Antennes et Télécommunications - L.E.A.T**  
**UMR CNRS n°7248**

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# 2015

## **Thèses et HDR**

4 publication(s)

**THESE Modélisation au niveau transactionnel de l'architecture et du contrôle relatifs à la gestion d'énergie de systèmes sur puce**

H. Affes

Université Nice Sophia Antipolis, 18/12/2015, [tel-01295340](tel:01295340)

**THESE Conception faible consommation d'un système de détection de chute**

T. K. H. Nguyen

Université Nice Sophia Antipolis, 18/11/2015, [tel-01288526](tel:01288526)

**THESE Antennes reconfigurables pour les applications mobiles et réseaux sans fil**

L.-H. Trinh

Université Nice Sophia Antipolis, 15/07/2015, [tel-01202344](tel:01202344)

**THESE Nouvelles antennes pour radar millimétriques**

M. N. Bin Zawawi

Université Nice Sophia Antipolis, 24/04/2015, [tel-01198671](tel:01198671)

## **Articles Avec Comité de Lecture**

15 publication(s)

**Noncollimating MMW Polyethylene Lens Mitigating Dual-Source Offset From a Tx/Rx WiGig Module**

A. Bisognin, D. Titz, F. FERRERO, G. Jacquemod, R. Pilard, F. Gianesello, D. Gloria, D. Lugara, E. Lima, J. Costa, C. Fernandes, C. Luxey

IEEE Transactions on Antennas and Propagation, 63(12), pp.5908-5913, 12/2015, [hal-01255940](hal:01255940)

**4x4 MIMO Multiband Antenna System fro Mobile Handsets**

L. H. Trinh, F. FERRERO, L. Lizzi, J.-M. Ribero, R. Staraj

International Journal of Antennas and Propagation, pp.Article ID 857876, 11/2015, [hal-01255996](hal:01255996)

**Reconfigurable Antenna for Future Spectrum Reallocations in 5G Communications**

L. Trinh, F. FERRERO, L. Lizzi, J.-M. Ribero, R. Staraj

IEEE Antennas and Wireless Propagation Letters, PP(99),11/2015, [hal-01255991](hal:01255991)

### **Use of ultra-narrow band miniature antennas for internet-of-things applications**

L. Lizzi, F. FERRERO

Electronics Letters, 51(24), pp.1964-1966, 11/2015, [hal-01255990](#)

### **Setup and characterization of a backward wave oscillator delay line scaled-down in centimeter and millimeter ranges**

R. Villeneuve, M. Cueille, D. Arnaud-Cormos, J.-F. DAVID, P. Lévêque, A.-J. DURAND

IEEE Transactions on Terahertz Science and Technology, 5(6), pp.1053-1061, 09/10/2015, [hal-01251379](#)

### **FoRTReSS: a flow for design space exploration of partially reconfigurable systems**

F. Duhem, F. Muller, R. Bonamy, S. Bilavarn

Design Automation for Embedded Systems, 19(3), pp.301-326, 09/2015, [hal-01134008](#)

### **Conformal Antenna Array for Millimeter-Wave Communications: Performance Evaluation**

V. Semkin, A. Bisognin, M. Kyrö, V.-M. Kolmonen, C. Luxey, F. FERRERO, F. Devillers, A. Räisänen

International Journal of Microwave and Wireless Technologies-IJMWT, 09/2015, [hal-01255924](#)

### **A 94 GHz Dual-Polarized Microstrip Mesh Array Antenna in LTCC Technology**

Z. Chen, Y. P. Zhang, A. Bisognin, D. Titz, F. FERRERO, C. Luxey

IEEE Antennas and Wireless Propagation Letters, 15 pp.634-637, 08/2015, [hal-01255932](#)

### **Energy-Efficient Power Manager and MAC Protocol for Multi-Hop Wireless Sensor Networks Powered by Periodic Energy Harvesting Sources**

T.-N. Le, A. Pegatoquet, O. Berder, O. Sentieys

IEEE Sensors Journal, 15(2), pp.7208-7220, 08/2015, [hal-01197045](#)

### **Energy Neutral Design Framework for Supercapacitor-based Autonomous Wireless Sensor Networks**

T. N. Le, A. Pegatoquet, O. Berder, O. Sentieys, A. Carer

ACM Journal on Emerging Technologies in Computing Systems, 12(2), pp.Article 19, 08/2015, [hal-01069098](#)

### **Beam switching conformal antenna array for mm-wave communications**

V. Semkin, F. FERRERO, A. Bisognin, J. Ala-Laurinaho, C. Luxey, F. Devillers, A. Raisanen

IEEE Antennas and Wireless Propagation Letters, 15 pp.28-31, 04/2015, [hal-01255900](#)

### **Modeling and Analyzing Dataflow Applications on NoC-Based Many-Core Architectures**

J.-V. Millo, E. Kofman, R. D. Simone

ACM Transactions on Embedded Computing Systems (TECS), 14(3), pp.article 46, 04/2015, [hal-01097315](#)

### **An LTCC Microstrip Grid Array Antenna for 94-GHz Applications**

Z. Chen, Y. P. Zhang, A. Bisognin, D. Titz, F. FERRERO, C. Luxey

IEEE Antennas and Wireless Propagation Letters, 14 pp.1279-1281, 02/2015, [hal-01255915](#)

### **LTE/4G Handset Antennas Realized with LDS Technology**

A. CIHANGIR, F. SONNERAT, F. FERRERO, G. Jacquemod, F. Giancesello, R. Pilard, D. Gloria, P. BRACHAT, C. Luxey

Forum for Electromagnetic Research Methods and Application Technologies (FERMAT), 92015, [hal-01253642](#)

### **Optimization Procedure for Planar Leaky-Wave Antennas With Flat-Topped Radiation Patterns**

F. Scattone, M. Ettorre, R. Sauleau, N. T. NGUYEN, N. J. G. Fonseca

IEEE Transactions on Antennas and Propagation, 63(12), pp.5854--5859, 2015, [hal-01380051](#)

**Safe Composition in Middleware for the Internet of Things**

I. Sarray, A. Ressouche, D. Gaffé, J.-Y. Tigli, S. Lavirotte

*Middleware for Context-aware Applications for Internet of thing (M4IoT)*, 08/12/2015, Vancouver, CA, [hal-01236976](#)

**Whole-microwave system modeling for brain imaging**

I. El Kanfoud, V. Dolean, C. Migliaccio, J. Lanteri, I. Aliferis, C. Pichot

*International Conference on Antenna Measurements & Applications (CAMA 2015)*, 30/11/2015, Chiang Mai, TH, pp.Special Session "Recent Advances in Electromagnetic Imaging", Paper 1098.pdf, [hal-01326824](#)

**Millimeter-wave imaging of foreign object debris (FOD) based on two-dimensional approach**

F. Nsengiyumva, C. Pichot, I. Aliferis, J. Lanteri, C. Migliaccio

*International Conference on Antenna Measurements & Applications (CAMA 2015)*, 30/11/2015, Chiang Mai, TH, pp.Session "Recent Advances in Electromagnetic Imaging", Paper 1088.pdf, [hal-01326823](#)

**Topological Shape Gradient and Level-Set Method for Optimizing Planar Antennas**

z. zhao, C. Pichot, C. Dedeban

*International Conference on Antenna Measurements & Applications (CAMA 2015)*, 30/11/2015, Chiang Mai, TH, pp.Paper 1080.pdf, [hal-01326821](#)

**Automatic Test Set Generator with Numeric Constraints Abstraction for Embedded Reactive Systems: AUTSEG V2**

M. Abdelmoula, D. Gaffé, M. Auguin

*SIMUL 2015: The Seventh International Conference on Advances in System Simulation*, 15/11/2015, Barcelone, ES, [hal-01241868](#)

**Spherical Scanning Measurement Challenge for Future Millimeter Wave Applications**

F. FERRERO, Y. Benoit, L. Brochier, J.-Y. Dauvignac, C. Migliaccio, S. Gregson

*AMTA Conference*, 11/10/2015, Long Beach, US, [hal-01256554](#)

**Theoretical Analysis and Sensitivity Modeling of an Energy Detector for IR-UWB Applications**

O. Ramos Sparrow, G. Jacquemod, S. Bourdel

*IEEE European Modelling Symposium on Mathematical Modelling and Computer Simulation (EMS)*, 06/10/2015, Madrid, ES, [hal-01435841](#)

**Clock Management and Analysis for Transaction-Level Virtual Prototypes**

A. Ben Ameer, H. Affes, M. Auguin, F. Verdier, X. Buisson

*Forum on specification & Design Languages (FDL)*, 14/09/2015, Barcelone, ES, [hal-01287652](#)

**A Methodology for Inserting Clock-Management Strategies in Transaction-Level Models of System-on-Chips**

H. Affes, M. Auguin, F. Verdier, A. Pegatoquet

*Forum on specification & Design Languages (FDL)*, 14/09/2015, Barcelone, ES, pp.1-7, [hal-01287647](#)

**A New TLM algorithm to solve the Pennes's equation for dosimetry applications**

O. Makhlof, M. Cueille, J.-L. Dubard

*18th European Microwave Week (EuMW)*, 07/09/2015, Paris, FR, pp.995-998, [hal-01345943](#)

**Level-Set Shape Optimization for Planar Antenna Arrays**

Z. Zhao, C. Pichot, C. Dedeban

*International Conference on Electromagnetics in Advanced Applications (ICEAA 2015)*, 07/09/2015, Torino, IT, pp.Special Session on Inverse Scattering Methods in Electromagnetic Imaging, [hal-01149936](#)

### **Detection of Debris (FOD) on Runways in W-Band: Relevance and Validity Domain of Two-Dimensional Approaches**

F. Nsengiyumva, C. Pichot, I. Aliferis, J. Lanteri, C. Migliaccio

*International Conference on Electromagnetics in Advanced Applications (ICEAA 2015)*, 07/09/2015, Torino, IT, pp.Special Session on Inverse Scattering Methods in Electromagnetic Imaging, [hal-01149934](#)

### **An UWB Through-The-Wall Radar with 3D Imaging, Detection and Tracking Capabilities**

P. Millot, L. Castanet, L. Casadebaig, N. Maaref, N. Fortino, J.-Y. Dauvignac, G. Clementi, A. Gaugue, M. Menard, G. Louis, J. Khamlichi, M. Schortgen, L. Quellec, V. Laroche

*12th European Radar Conference (EuRAD 2015)*, 06/09/2015, Paris, FR, pp.Session 14 Advanced Modelling, Processing and Inversion Applied to Ground Penetrating Radar (14.05), [hal-01178383](#)

### **On the Scalability of Constraint Solving for Static/Off-Line Real-Time Scheduling**

R. Gorcitz, E. Kofman, T. Carle, D. Potop-Butucaru, R. De Simone

*13th International Conference on Formal Modeling and Analysis of Timed Systems*, 02/09/2015, Madrid, ES, [hal-01250010](#)

### **Network-aware Virtual Platform for the Verification of Embedded Software for Communications**

C. Barnes, J.-M. Cottin, E. Fraccaroli, S. Angeleri, D. Quaglia, A. Pegatoquet, F. Verdier

*18th Euromicro Conference on Digital Systems Design (DSD 2015)*, 26/08/2015, Madeira, PT, pp.518-525, [hal-01287666](#)

### **A power management strategy for SoCs**

H. Affes, M. Auguin

*18th Euromicro Conference on Digital System Design (DSD)*, 26/08/2015, Madeira, PT, [hal-01174344](#)

### **Feasability of an Ultra narrow band antenna for the internet of things**

F. FERRERO, L. Lizzi

*IEEE International Symposium on Antennas and Propagation & USNC/URSI National Radio Science Meeting*, 19/07/2015, Vancouver, CA, pp.776-777, [hal-01256550](#)

### **Influence of component ESR on a 4G frequency reconfigurable antenna**

L. H. Trinh, F. FERRERO, R. Staraj, J.-M. Ribero

*IEEE International Symposium on Antennas and Propagation & USNC/URSI National Radio Science Meeting*, 19/07/2015, Vancouver, CA, pp.1136-1137, [hal-01256546](#)

### **Stratospheric platform for telecommunication missions**

F. Baurreau, R. Staraj, F. FERRERO, L. Lizzi, J.-M. Ribero, J.-P. Chessel

*IEEE International Symposium on Antennas and Propagation & USNC/URSI National Radio Science Meeting*, 19/07/2015, Vancouver, CA, pp.914-615, [hal-01256543](#)

### **Transmission line based approach for the synthesis of pattern reconfigurable antennas**

L. Lizzi, L. H. Trinh, F. FERRERO, J.-M. Ribero, R. Staraj

*IEEE International Symposium on Antennas and Propagation & USNC/URSI National Radio Science Meeting*, 19/07/2015, Vancouver, CA, pp.2369-2370, [hal-01256541](#)

### **Detecting and Classification of the Basic Emotions Using a Multimodal Approach for Emotions Detection**

C. Koné, M. Imen Tayari, N. Le Thanh, C. Belleudy

*The Fourth International Conference on Global Health Challenges, GLOBAL HEALTH 2015*, 19/07/2015, Nice, FR, pp.84-89, [hal-01174350](#)

### **An Energy-Aware Scheduler for Dynamically Reconfigurable Multi-Core Systems**

R. Bonamy, S. Bilavarn, F. Muller

*6th International Workshop on Reconfigurable Communication-centric Systems-on-Chip, ReCoSoC 2015*, 29/06/2015, Bremen, DE, [hal-01192796](#)

### **Multimodal Recognition of Emotions Using Physiological Signals with the Method of Decision-Level Fusion for Healthcare Applications**

C. Koné, I. Tayari Meftah, N. Le Thanh, C. Belleudy

*13th International Conference On Smart homes and health Telematics Inclusive Smart Cities and e-Health*, 10/06/2015, Genève, CH, pp.301-306, [hal-01174349](#)

### **Asynchronous on Demand MAC Protocol Using Wake-Up Radio in Wireless Body Area Network**

T.-N. Le, A. Pegatoquet, M. Magno

*6th IEEE International Workshop on Advances in Sensors and Interfaces (IWASI)*, 08/06/2015, Gallipoli, IT, pp.228-233, [hal-01343894](#)

### **Extending IP-XACT and UPF to support ESL to RTL low power design methodology**

E. Vaumorin, G. Avot, H. Affes, M. Auguin, A. Pegatoquet, F. Verdier

*DAC Workshop on System-to-Silicon Performance Modeling and Analysis*, 07/06/2015, San Francisco, US, [hal-01174345](#)

### **MM-Wave Systems for Mobile and Security Applications in the W-band: Which Gap Toward Identification ?**

C. Migliaccio, J. Lanteri, A. Zeitler, J.-Y. Dauvignac, C. Pichot

*IEEE MTT-S International Conference on Microwaves for Intelligent Mobility (ICMIM)*, 27/04/2015, Heidelberg, DE, pp.Session RF for Mobile Systems, [hal-01178377](#)

### **Reconfigurable Antenna for Extension of LTE Operational Mode Over TV White Spaces**

L. Trinh, F. FERRERO, J.-M. Ribero, R. Staraj

*9th European Conference on Antennas and Propagation (EuCAP 2015)*, 12/04/2015, Lisbon, PT, [hal-01147728](#)

### **Performance Evaluation of a 120 GHz 3D-Printed Plastic Elliptical Lens Antenna-System**

A. Bisognin, F. FERRERO, D. Titz, G. Jacquemod, R. Pilard, F. Gianesello, D. Gloria, C. Laporte, H. Ezzeddine, P. Ratajczak, J. R. Costa, E. B. Lima, C. Fernandes, C. Luxey

*9th European Conference on Antennas and Propagation (EuCAP 2015)*, 12/04/2015, Lisbon, PT, [hal-01147725](#)

### **Design methods for efficient multiband antennas with parasitic elements**

T. Faradi, A. Diallo, P. Le Thuc, P. Daragon, R. Staraj

*9th European Conference on Antennas and Propagation (EuCAP 2015)*, 12/04/2015, Lisbon, PT, [hal-01133667](#)

### **Wide frequency reconfigurability on a miniature omnidirectional antenna combining variable capacitance and inductance**

S. Sufyar, C. Delaveaud, R. Staraj

*European Conference on Antennas and Propagation (EUCAP)*, 11/04/2015, Rome, IT, pp.2293-2297, [hal-01346934](#)

### **HLS based design of a mixed architecture for H.264/AVC CAVLD**

T. Dammak, S. Bilavarn, N. Masmoudi

*12th International Multi-Conference on Systems, Signals and Devices Program, SSD 2015*, 16/03/2015, Mahdia, TN, [hal-01192789](#)

## **Application and OS unconscious Power Manager for SoC Systems**

H. Affes, A. Chaker, M. Auguin

*International Symposium on Quality Electronic Design (ISQED)*, 02/03/2015, Santa Clara, US, pp.223-226, [hal-01147379](#)

## **Communications Nationales**

6 publication(s)

### **Conception du support mécanique et du radôme de protection d'un réseau d'antenne Vivaldi large bande destiné à un radar de détection de mines antipersonnel**

N. T. NGUYEN, G. Clementi, C. Migliaccio, N. Fortino

*19èmes Journées Nationales Microondes (JNM 2015)*, 02/06/2015, Bordeaux, FR, pp.Session Antennes large bande et multibandes C3L-D, papier 9168, [hal-01149406](#)

### **Méthode de conception à base d'éléments parasites d'antennes multi-bandes efficaces**

T. Faradi, A. Diallo, P. Le Thuc, P. Daragon, R. Staraj

*19èmes Journées Nationales Microondes (JNM 2015)*, 02/06/2015, Bordeaux, FR, pp.Session Antennes large bande et multibandes C3L-D, papier 9129, [hal-01149405](#)

### **Nouvel algorithme TLM pour la résolution de l'équation de Pennes appliquée à la Dosimétrie**

O. Makhlof, M. Cueille, J.-L. Dubard

*19èmes Journées Nationales Microondes (JNM 2015)*, 02/06/2015, Bordeaux, FR, pp.Session Dosimetrie C3L-E, papier 9348, [hal-01149098](#)

### **Antenne ETSA "Exponential Tapered Slot Antenna" miniature pour radar à pénétration de surface**

C. Diakité, N. Fortino, J.-Y. Dauvignac

*19èmes Journées Nationales Microondes (JNM 2015)*, 02/06/2015, Bordeaux, FR, pp.Session Antennes large bande et multibandes C3L-D, papier 9337, [hal-01149096](#)

### **Implémentation du cas d'étude du guide d'onde semi-infini sur le logiciel libre FreeFEM++ et comparaison avec HFSS**

I. El Kanfoud, V. Dolean, I. Aliferis, J. Lanteri, C. Pichot, C. Migliaccio

*19èmes Journées Nationales Microondes (JNM 2015)*, 02/06/2015, Bordeaux, FR, pp.Session Methodes Numériques A3L-E, papier 9373, [hal-01149093](#)

### **Intégration d'antennes boucles sur carte $\mu$ SD en couplage inductif avec une antenne dipôle pour applications en télémédecine**

H. Hamouda, P. Le Thuc, R. Staraj, G. Kossiavas

*19èmes Journées Nationales Microondes (JNM 2015)*, 02/06/2015, Bordeaux, FR, pp.Session Antennes miniatures A3L-D, papier 9240, [hal-01149088](#)

## **Communications (Sans Comité de Lecture)**

5 publication(s)

### **Antenne ultra faible bande pour l'internet des objets**

L. Lizzi, F. FERRERO

*Assemblée Générale du GDR Ondes "Interférences d'Ondes"*, 19/10/2015, Lyon, FR, [hal-01345951](#)

### **Nouvel algorithme TLM thermique pour des études dosimétriques**

O. Makhlof, M. Cueille, J.-L. Dubard

*Assemblée Générale du GDR Ondes "Interférences d'Ondes"*, 19/10/2015, Lyon, FR, [hal-01345950](#)

## **Pattern reconfigurable antennas in wireless sensor networks: challenges and opportunities**

L. Lizzi

*Sensors Energy harvesting wireless Network & Smart Objects conference (SENSO)*, 14/10/2015, Gardanne, FR, [hal-01345949](#)

## **Antennes reconfigurables en directivité dans les réseaux de capteurs, défis et verrous associés**

T.-N. Le, L.-H. Trinh, L. Lizzi, F. FERRERO, A. Pegatoquet

*Journée commune CIMPACA - Labex UCN@Sophia*, 26/05/2015, Sophia Antipolis, FR, [hal-01344462](#)

## **The power of Power in future wireless smart systems for the Internet of Things**

D. Quaglia, A. Pegatoquet, M. Poncino

*Design, Automation and Test in Europe (DATE)*, 09/03/2015, Grenoble, FR, pp.Tutorial, [hal-01344463](#)

## **Brevets**

1 publication(s)

## **Antenna System for Reducing the Electromagnetic Coupling Between Antennas**

M. Jeangeorges, A. Diallo, P. Le Thuc, R. Staraj

WO/2015/177170, France, Patent n° : WO/2015/177170. 2015, 26/11/2015, [hal-01345947](#)

## **Poster**

8 publication(s)

## **Directive and reconfigurable antenna system for wireless sensor networks**

A. A. N. dihissou, R. Staraj, A. Diallo, P. Le Thuc, A. Pegatoquet

*Sensors Energy harvesting wireless Network & Smart Objects conference (SENSO)*, 14/10/2015, Gardanne, FR, [hal-01344461](#)

## **Wideband Vivaldi Antennas Array with Mechanical Support and Protection Radome for Land-Mine Detection Radar**

N. T. NGUYEN, C. Migliaccio, G. Clementi, N. Fortino, J.-Y. Dauvignac, J. Willebois, C. Chekroun

*12th European Radar Conference (EuRAD 2015)*, 06/09/2015, Paris, FR, [hal-01178379](#)

## **Antenne large bande (6-8,5 GHz) miniature dédiée à des applications BAN**

A. Chami, N. Fortino, G. Kossiavas, J.-M. Fargeas, P. BRACHAT

*19èmes Journées Nationales Microondes (JNM 2015)*, 02/06/2015, Bordeaux, FR, pp.Session Poster Technologies pour la miniaturisation A2P-H, papier 9035, [hal-01149940](#)

## **Antenne reconfigurable pour application Car-to-Car**

L. Trinh, L. Lizzi, F. FERRERO, R. Staraj, J.-M. Ribero

*19èmes Journées Nationales Microondes (JNM 2015)*, 02/06/2015, Bordeaux, FR, pp.Session Réseaux, antennes actives, spatial C2P-G, papier 9231, [hal-01149939](#)

## **Antenne directive et reconfigurable pour réseau de capteurs sans fil**

A. A. N. dihissou, A. Diallo, P. Le Thuc, R. Staraj

*19èmes Journées Nationales Microondes (JNM 2015)*, 02/06/2015, Bordeaux, FR, pp.Session Antennes directives et reseaux C2P-H, papier 9251, [hal-01149937](#)

## **Détection des débris (FOD) sur pistes d'aéroport en bande millimétrique : pertinence et domaine de validité d'une approche bidimensionnelle**

F. Nsengiyumva, C. Pichot, I. Aliferis, C. Migliaccio, J. Lanteri

*19èmes Journées Nationales Microondes (JNM 2015)*, 02/06/2015, Bordeaux, FR, pp.Session Antennes millimétrique - Techniques de mesures A2P-G, papier 9364, [hal-01149402](#)

### **Impact of Neutralization on Isolation in Co-Planar and Back-to-Back Antennas**

S. Venkatasubramanian, I. li, C. Icheln, F. FERRERO, C. Luxey, K. Haneda

*9th European Conference on Antennas and Propagation (EuCAP 2015)*, 12/04/2015, Lisbon, PT, pp.AF.22, [hal-01147727](#)

### **Antenna System for Temperature Sensing**

M. Cosker, R. Staraj, J.-M. Ribero

*9th European Conference on Antennas and Propagation (EuCAP 2015)*, 12/04/2015, Lisbon, PT, pp.A3.37, [hal-01147724](#)

### **Autres**

8 publication(s)

### **European Research Universities on (TurningPoint) Cloud Nine**

Q. Vicens, I. Aliferis

European Research Universities on (TurningPoint) Cloud Nine. 2015 European Research Universities on (TurningPoint) Cloud Nine, 11/12/2015, [hal-01359210](#)

### **La pédagogie inversée, ça vous tente ?**

I. Aliferis

Rencontre/Discussion avec Iannis Aliferis qui explique son parcours dans l'innovation de l'enseig.. 2015, pp.130-133 Rencontre/Discussion avec Iannis Aliferis qui explique son parcours dans l'innovation de l'enseignement au sein de l'UNS, à l'occasion des 50 ans de l'Univeristé Nice Sophia Antipolis, 10/12/2015, [hal-01359217](#)

### **Innovation pédagogique et outils numériques**

I. Aliferis

Innovation pédagogique et outils numériques. 2015 Innovation pédagogique et outils numériques, 20/11/2015, [hal-01359211](#)

### **Dispositif RFID et procédés pour détecter des variations physiques d'un objet**

M. Cosker, J. M. Ribero, R. Staraj

Déclaration d'Invention déposée auprès de la Délégation Régionale Côte d'Azur CNRS. 2015, pp.référence 069794 : 677/Domodetect 2&3 Déclaration d'Invention déposée auprès de la Délégation Régionale Côte d'Azur CNRS, 06/2015, [hal-01361230](#)

### **Dispositif RFID de détermination de l'état de fonctionnement et d'identification d'un appareil électrique**

M. Cosker, J. M. Ribero, R. Staraj

Déclaration d'Invention déposée auprès de la Délégation Régionale Côte d'Azur CNRS. 2015, pp.référence 069793 : 669/Domodetect Déclaration d'Invention déposée auprès de la Délégation Régionale Côte d'Azur CNRS, 06/2015, [hal-01361228](#)

### **Pédagogies actives, clickers et classe inversée à Polytech'Nice-Sophia**

I. Aliferis

Pédagogies actives, clickers et classe inversée à Polytech'Nice-Sophia. 2015 Pédagogies actives, clickers et classe inversée à Polytech'Nice-Sophia, 21/05/2015, [hal-01359212](#)

### **Dispositif d'alarme sans fil miniaturisé**

A. Diallo, R. Staraj, P. Le Thuc, I. Cherif

Déclaration d'Invention déposée auprès de la Délégation Régionale Côte d'Azur CNRS. 2015, pp.référence 1553931 Déclaration d'Invention déposée auprès de la Délégation Régionale Côte d'Azur CNRS, 30/04/2015, [hal-01361226](#)



**Antenne reconfigurable en directivité sur le plan azimutal compacte et faible consommation**

L. Trinh, L. Lizzi, F. FERRERO, J. M. Ribero

Déclaration d'Invention déposée auprès de la Délégation Régionale Côte d'Azur CNRS. 2015, pp.référence 668-SA-TMEI-14-CNRS, sous le libellé «Antenne directive reconfigurable» Déclaration d'Invention déposée auprès de la Délégation Régionale Côte d'Azur CNRS, 01/2015, [hal-01361225](https://hal.archives-ouvertes.fr/hal-01361225)

**Soit un total de 79 publication(s)**

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