

## **Publication :**

- 1 I. Ben Trad, J.-M. Floch, H. Rmili, M. Drissi, F. Choubani  
« A Planar Reconfigurable Radiation Pattern Dipole Antenna with Reflectors and Directors for Wireless Communication Applications »  
Hindawi Publishing Corporation International Journal of Antennas and Propagation  
Volume 2014.
- 2 I. Ben Trad, J. M. Floch, H. Rmili, L. Laadhar, M. Drissi  
« Planar Elliptic Broadband Antenna with Wide Range Reconfigurable Narrow Notched Bands for Multi-Standard Wireless Communication Devices »  
Progress In Electromagnetics Research, Vol. 145, 69–80, 2014
3. I. Ben Trad, H. Rmili, J. M. Floch, W. Zouch, M. Drissi  
« Planar Square Multiband Frequency Reconfigurable Micro-strip Fed Antenna with Quadratic Koch-Island Fractal Slot for Wireless Devices »  
Microwave and Optical Technology Letters ; ISSN : 0895-2477 ; Vol. 55 ; Num. 12,  
December 2014
4. Saber Dakhli · Hatem Rmili · Jean-Marie Floch · Muntasir Sheikh · Kourosh Mahdjoubi · Fethi Choubani · Richard W Ziolkowski  
« Research Capacitively Loaded Loop-Based Antennas with Reconfigurable Radiation Patterns »  
June 2015 · International Journal of Antennas and Propagation
5. I. ROUISSI, J.M.FLOC'H and H.TRABELSI,  
“Design of Frequency Reconfigurable Multiband Meander Antenna Using Varactor Diode for Wireless Communication” International Journal of Advanced Computer Science and Applications (ijacsa), 8(3), 2017. <http://dx.doi.org/10.14569/IJACSA.2017.080324>
6. I. ROUISSI, J.M.FLOC'H, H. RMILI and H.TRABELSI,  
“Design of Frequency Reconfigurable PIFA Antenna with Floating Ground Plane”  
Indian Journal of Science and Technology, Vol 11(5), DOI:10.17485/ijst/2018/v11i5/118872,  
February 2018.
7. J.M.FLOC'H and I. BEN TRAD  
“Printed Planar Double Inverted-F Antenna With large Frequency Reconfigurability Range”  
American Journal of Engineering Research (AJER), e-ISSN: 2320-0847 p-ISSN  
: 2320-0936 Volume-7, Issue-10, pp-139-148, 2018.

Communications :

1) LERIDEAU G., TAROT A.C., FLOC'H J.M., LOISON R., THIZON S., PIED S., ELSAYED AHMAD A

“Switchable 8 Beam Sectoral Antenna using Electromagnetic Band Gap Surfaces“  
LAPC 2011, Loughborough UK, 14-15 november 2011

2) I BEN TRAD<sup>1</sup>, J. M. FLOCH, H. RMILI<sup>1</sup>, M. DRISSI AND H. ZANGAR  
« Design of a Planar Reconfigurable Band-Rejected UWB Antenna for multi-standard wireless communication Systems »

LAPC 2012, Loughborough UK, 12-14 november 2012

3) I. BEN TRAD, J.M. FLOC'H, H. RMILI, M. DRISSI, F. CHOUBANI  
« Design of Reconfigurable Radiation Pattern Ring- Dipole Antenna for Wireless Communication»

EUCAP 2013, Goteborg 8 – 12 april 2013

4) BEN TRAD, J.M. FLOC'H, H. RMILI, M. DRISSI, H. ZANGAR  
« Conception d'une Antenne Elliptique UWB à Rejet de bande Reconfigurable pour les Télécommunications multistandards »

JNM 2013 , Paris, 14- 17 mai 2013.

5) I BEN TRAD, J M FLOCH, H RMILI, M DRISSI, F. CHOUBANI  
« Design of a Printed Elliptic Reconfigurable Dual Band-Rejected UWB Micro-strip Fed Antenna »

MMS 2013, Beirut Liban, 2 - 5 september 2013

6) I BEN TRAD, J. M. FLOCH, H. RMILI, M. DRISSI AND F. CHOUBANI  
« Design of Reconfigurable Radiation Pattern Dipole Antenna with Director and Reflector Elements for Telecommunication Systems»

LAPC 2013, Loughborough UK, 11-12 november 2013

7) A. SINGH<sup>1</sup>, S. T.SRON<sup>2</sup>, S. ROWSON<sup>1</sup>, O. PAJONA<sup>2</sup>, J. SHAMBLIN<sup>1</sup>, R. JONES<sup>1</sup>, M.ROE<sup>1</sup>, J. M. FLOC'H, M. DRISSI

« Antenna System with Active Impedance Matching »

EUCAP 2014, The Hague 6 – 11 april 2014

8) S. DAKHLI, J.M. FLOCH<sup>2</sup>, K. MAHDJOUBI<sup>3</sup>, H. RMILI, F. CHOUBANI  
« A Reconfigurable Radiation Pattern Metamaterial-Inspired Circular Array Antenna»

EUCAP 2014, The Hague 6 – 11 april 2014

9) I.ROUISSI, J-M FLOCH, H.RMILI, H.TRABELSI, A.SHARAIHA  
« Study of Reconfigurable Square Patch Antenna Using Capacitive Loading»

LAPC 2014, Loughborough UK, 10-11 november 2014

10) A. SINGH, J. SHAMBLIN, R. JONES, S. ROWSON, O. PAJONA, S. THAIL SRON, J. M. FLOCH, M. DRISSI

« Compact Active Antenna For Mobile Devices Supporting 4G LTE»

LAPC 2014, Loughborough UK, 10-11 november 2014

11) I. BEN TRAD, J. M. FLOCH, H. RMILI, M. DRISSI, F. CHOUBANI  
« Rectangular Bi-Loop Single-Feed Antenna with Polarization Agility Property for GPS and Iridium Applications»

LAPC 2014, Loughborough UK, 10-11 november 2014

12) S. DAKHLI, J. M. FLOCH, K. MAHDJOUBI, H. RMILI, F. CHOUBANI  
« A Reconfigurable Radiation Pattern Metamaterial-Inspired Antenna»

LAPC 2014, Loughborough UK, 10-11 november 2014

13) S. DAKHLI, J. M. FLOCH, K. MAHDJOUBI, H. RMILI, F. CHOUBANI  
« Design of reconfigurable radiation pattern metamaterial-inspired monopole antenna»

MMS 2014, Marrakech Morocco, 12-14 december 2014

14) I. ROUSSI, J. M. FLOCH, H. RMILI, H. TRABELSI  
« Design of a Frequency Reconfigurable Patch Antenna Using Capacitive loading and Varactor Diode»

EUCAP 2015, Lisboa 13 – 17 april 2015

15) B. EL JAAFARI, J. M. FLOCH, I. BEN TRAD  
« Antenne Dipôle à Polarisation Circulaire Reconfigurable pour les Communications Sans Fil»

JNM 2015, Bordeaux 3 -5 Juin 2015

16) I. ROUSSI, J. M. FLOCH, H. RMILI, H. TRABELSI  
« Etude et conception d'une Antenne Patch Carré Reconfigurable en fréquence pour les systèmes de télécommunications multistandards »

JNM 2015, Bordeaux 3 -5 Juin 2015

17) I. ROUSSI, I. BEN TRAD, J. M. FLOCH, H. RMILI, H. TRABELSI  
« Design of Frequency Reconfigurable Triband Antenna Using Capacitive Loading for Wireless Communications»

LAPC 2015, Loughborough 2-3 november 2015

18) I. ROUSSI, I. BEN TRAD, J. M. FLOCH, H. RMILI, H. TRABELSI  
« Frequency Reconfigurable Antenna Using Active Capacitors»

MMS 2015, Lecce Italy, 30 november , 1-2 december 2015

19) I. BEN TRAD, I. ROUSSI, J. M. FLOCH, H. TRABELSI  
« Frequency Reconfigurable Multiband Planar Antenna with Wide Tuning Frequency Range»

EUCAP 2016, Davos , 11 – 15 April 2016

20) J. M. FLOCH, I. BEN TRAD, I. ROUSSI  
« Mechanically Tunable Meander Antenna for Cognitive Radio»

EUCAP 2016, Davos , 11 – 15 April 2016

21) J.M. FLOCH , I. BEN TRAD, I.ROUISSI  
« Frequency Reconfigurable Multiband Meander Patch Antenna for Cognitive Radio with Wide Tuning Frequency Range»  
ICMCS 2016, Marrakech , 28 – 31 October 2016

22) J.M. FLOCH , I. BEN TRAD  
« Printed Frequency Reconfigurable Planar Inverted-F Antenna for ISM Applications»  
LAPC 2016, Loughborough, 14 -15 November 2016

23) A.S. SOKPOR, M. MANTASH, A-C. TAROT and J.M FLOCH  
« Characterisation of a Small Switchable Ribbon Monopole Antenna Operating in VHF/UHF Bands»  
LAPC 2016, Loughborough, 14 -15 November 2016

24) J.M. FLOCH, I. BEN TRAD  
« Printed Planar Double Inverted-F Antenna with Large Frequency Reconfigurability Range »  
EuMC 2017, Nuremberg, 9-13 October 2017

25) J. M. FLOCH, I. BEN TRAD  
« Design of Mechanically Reconfigurable Meander Antenna Using the Galinstan Liquid Metal »  
LAPC 2017, Loughborough, 13-14 November 2017