

Publications sur les métamatériaux

▶ 2017

Publications dans des revues à comité de lecture

- J. Yi, H. Li, H. Zhang, S. N. Burokur, "3D field-shaping lens using all-dielectric gradient refractive metamaterials," *Scientific Reports*, vol. 7, 782, April 2017.
- A. de Lustrac, S. N. Burokur, "Superluminal wave propagation in a non-Foster negative capacitor transmission line," *Electronics Letters*, vol. 53, no. 8, pp. 547-549, April 2017.
- A. de Lustrac, G.-P. Piau, G. Sabanowski, S. N. Burokur, "VHF antenna miniaturization using non-Foster matching circuit," *Microwave and Optical Technology Letters*, vol. 59, no. 4, pp. 986-991, April 2017.
- B. Ratni, A. de Lustrac, S. N. Burokur, "Engineering of inductance for beam-steering antenna applications," *Electronics Letters*, vol. 53, no. 6, pp. 373-375, March 2017.
- A. de Lustrac, G.-P. Piau, S. N. Burokur, "Modeling and design of metasurfaces for beam scanning," *Applied Physics A: Materials Science & Processing*, vol. 123, no. 1, 50, January 2017.
- E. Chaumette, A. Renaux, and M. N. El Korso, "A class of Weiss-Weinstein bounds and its relationship with the Bobrovsky-Mayer-Wolf-Zakai bounds", *IEEE Transactions on Information Theory*, Volume: 63, Issue: 4, Apr. 2017, pp. 2226-2240.
- L. Bacharach, A. Renaux, M. N. El Korso, and E. Chaumette, "Weiss-Weinstein bound on multiple change-points estimation", *IEEE Transactions on Signal Processing*, Volume: 65, Issue: 10, May 2017, pp. 2686-2700
- X. Zhang, M. N. El Korso and M. Pesavento, "MIMO radar target localization and performance evaluation under SIRP clutter", *Signal Processing Journal*, Elsevier, Volume 130, January 2017, Pages 217–232.
- A. Mennad, A. Younsi, M. N. El Korso, and A. M. Zoubir, "Adaptive Detection of Range-Spread Target in Compound-Gaussian Clutter Without Secondary Data", *Digital Signal Processing*, Elsevier, Volume 60, January 2017, Pages 90–98.

Communications dans des congrès

- B. Ratni, A. de Lustrac, G.-P. Piau, S. N. Burokur, "3D printed gradient index dielectric metasurface for beam steering applications," 11th European Conference on Antennas and Propagation (EuCAP 2017), Paris (France), March 2017.
- J. Yi, A. de Lustrac, G.-P. Piau, S. N. Burokur, "Transformation Electromagnetics and 3D printing: devices for novel antenna solutions," 11th European Conference on Antennas and Propagation (EuCAP 2017), Paris (France), March 2017. (**Invited**)
- R. Yahiaoui, T. Beeharry, S. N. Burokur, P. Grassin, H. H. Ouslimani, "Metasurfaces with positive reflection phase gradients for broadband directive emission," 11th European Conference on Antennas and Propagation (EuCAP 2017), Paris (France), March 2017.
- R. Ben Abdallah, A. Breloy, M. N. El Korso, D. Lautru and H. Ouslimani, "Minimum Mean Square Distance Estimation of Subspaces in presence of Gaussian sources with application to STAP detection", 7th International Conference on New Computational Methods for Inverse Problems, Paris, 2017
- T. Bao, A. Breloy, M. N. El Korso, K. Abed-Meraim and H. H. Ouslimani, "Performance analysis of direction-of-arrival and polarization estimation using a non-uniform linear COLD array", in Proc. of Detection, Architecture and Technology Workshop DAT-2017, Algiers, Algeria.
- L. Bacharach, M. N. El Korso, A. Renaux and J.-Y. Tournet, "A Bayesian Lower Bound for Parameter Estimation of Poisson Data Including Multiple Changes", in Proc. IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP 2017), New Orleans, USA, March 2017.
- A. Taylor, A. Breloy, M. N. El Korso, "Détection d'anomalie de composantes principales pour des cibles mobiles étendues en SAR", GRETSI 2017.

- V. Ollier, M. N. El Korso, R. Boyer, P. Larzabal and M. Pesavento, "Algorithme de calibration robuste dans un contexte de radio interférométrie", GRETSI 2017.

- R. Ben Abdallah, A. Breloy, M. N. El Korso, D. Lautru and H. Ouslimani, "Estimation de sous-espaces en présence de sources gaussiennes avec application à la détection STAP", GRETSI 2017.

- L. Bacharach, G. Bibiche, A. Renaux and M. N. El Korso, "Bornes bayésiennes pour la localisation d'un point de rupture : Application à des processus exponentiels", GRETSI 2017.

- V. Ollier, R. Boyer, M. N. El Korso and P. Larzabal, "Borne Bayésienne pour les systèmes large-échelle : cas d'un bruit à queue lourde", GRETSI 2017.

Journées scientifiques et thématiques

E. Bochkova, N. Dubrovina, S. N. Burokur, A. de Lustrac, A. Lupu, "Métasurface à modes sombres et transparence induite électromagnétiquement," Colloque National Métamatériaux 2017, Orsay, Mars 2017. (Invité)

B. Ratni, A. de Lustrac, S. N. Burokur, "Métasurfaces actives pour les antennes," Journée "Structures périodiques et métamatériaux" - GDR Ondes-Club des Partenaires/CCT CNES, Paris, Janvier 2017. (Invité)

2016

Dans des revues à comité de lecture

Ngjie, Ana Díaz-Rubio, and Habiba Hafdallah Ouslimani. "New Subwavelength Profile Dielectric Resonator Type Antenna." IEEE Transactions on Antennas and Propagation 64 (8) (2016): 3347-3352.

A. de Lustrac, S. Villers, S. N. Burokur, "Low-profile circularly polarized Fabry-Perot cavity antenna," Microwave and Optical Technology Letters, vol. 58, no. 12, pp. 2957-2960, December 2016.

G.-P. Piau, A. de Lustrac, S. N. Burokur, "Electromagnetic field tapering using all-dielectric gradient index metamaterials," Scientific Reports, vol. 6, 30661, July 2016.

E. Bochkova, G.-P. Piau, A. de Lustrac, A. Lupu, S. N. Burokur, "Design and engineering of metasurfaces for high-directivity antenna and sensing applications," EPJ Applied Metamaterials, vol. 3, 4, July 2016.

S. N. Burokur, A.-C. Lepage, S. Varault, X. Begaud, G.-P. Piau, A. de Lustrac, "Low-profile metamaterial-based L-band antennas," Applied Physics A : Materials Science & Processing, vol. 122, no. 4, 326, April 2016.

J.-P. Delmas, M. N. El Korso, H. Gazzah and M. Castella, "CRB analysis of planar antenna array for optimizing near-field source localization", Signal Processing Journal, Elsevier, Volume 127, October 2016, Pages 117–134

M. N. El Korso, R. Boyer, P. Larzabal and B.-H. Fleury, "Estimation Performance for the Bayesian Hierarchical Linear Model", IEEE Signal Processing Letters, Volume 23, April 2016, Pages 488-492

T. Bao, M. N. El Korso and H. Ouslimani, "Cramér-Rao Bound and Statistical Resolution Limit Investigation for Near-field Source Localization", Digital Signal Processing, Elsevier, Volume 48, January 2016, Pages 137–147

Communications dans des congrès

R. Yahiaoui, T. Beeharry, and H. Hafdallah Ouslimani. Broadband Cavity Antennas with Highly Directive Emissions Research in the Fields of Radar, Telecommunications & Electronic Warfare Special issue 2016 IEEE International Conference on Antenna Measurements & Applications – Focus on Antenna Systems – 23-27 October 2016, Syracuse, NY, USA

N. Dubrovina, E. Bochkova, S. N. Burokur, A. de Lustrac, A. Ramdane, A. Lupu, "Symmetry approach to the dark modes metasurfaces," International Conference on Metamaterials and Nanophotonics (METANANO 2016), Anapa (Russia), September 2016

B. Ratni, E. Bochkova, G.-P. Piau, A. de Lustrac, A. Lupu, S. N. Burokur. Metasurfaces for antennas and

sensors, IEEE Radio and Antenna Days of the Indian Ocean (RADIO 2016), Reunion Island, October 2016.

J. Yi, A. de Lustrac, G.-P. Piau, S. N. Burokur. All-dielectric microwave devices for controlling the path of electromagnetic waves, IEEE Radio and Antenna Days of the Indian Ocean (RADIO 2016), Reunion Island, October 2016.

E. Bochkova, S. N. Burokur, A. de Lustrac, A. Lupu. Electromagnetically induced transparency through magnetic field interactions in bilayered enantiomeric metasurfaces, 10 th International Congress on Advanced Electromagnetic Materials in Microwaves and Optics Metamaterials 2016, Crete (Greece), September 2016.

E. Bochkova, S. N. Burokur, A. de Lustrac, A. Lupu. Far field dark modes excitation and electro-magnetically induced transparency, 7 th International Conference on Metamaterials, Photonic Crystals and Plasmonics (META'16), Malaga (Spain), July 2016.

B. Ratni, A. de Lustrac, G.-P. Piau, S. N. Burokur. Modeling and design of metasurfaces for beam scanning, 7 th International Conference on Metamaterials, Photonic Crystals and Plasmonics (ME-TA'16), Malaga (Spain), July 2016. (Invited)

J. Yi, A. de Lustrac, G.-P. Piau, S. N. Burokur. Additive manufacturing of dielectric lenses for electromagnetic beam control, 7 th International Conference on Metamaterials, Photonic Crystals and Plasmonics (META'16), Malaga (Spain), July 2016. (Invited)

J. Yi, A. de Lustrac, G.-P. Piau, S. N. Burokur. Lenses designed by transformation electromagnetics and fabricated by 3D dielectric printing, IEEE International Symposium on Antennas and Propagation and UNSC/URSI National Radio Science Meeting, Fajardo (Puerto Rico), June 2016.

M. Brossard, M. N. El Korso, M. Pesavento, R. Boyer and P. Larzabal, "Calibration of Radio Interferometers Using a Sparse DOA Estimation Framework", (invited) in Proc. of EUSIPCO 2016, Budapest, Hungary

V. Ollier, M. N. El Korso, R. Boyer, P. Larzabal and M. Pesavento, "Relaxed concentrated MLE for robust calibration of radio interferometers", (invited) in Proc. of EUSIPCO 2016, Budapest, Hungary

V. Ollier, R. Boyer, M. N. El Korso and P. Larzabal, "Bayesian Lower Bounds for Dense or Sparse (Outlier) Noise in the RMT Framework", (invited) in Proc. of IEEE International Sensor Array and Multichannel Signal Processing Workshop, SAM-2016, Rio, Brazil

L. Bacharach, M. N. El Korso and A. Renaux, "Weiss-Weinstein bound for an abrupt unknown frequency change", (invited) in Proc. of IEEE Workshop on Statistical Signal Processing, SSP-16, Palma de Mallorca, June 26-29, 2016.

V. Ollier, M. N. El Korso, R. Boyer, P. Larzabal and M. Pesavento, "Joint ML calibration and DOA estimation with separated arrays", in Proc. IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP 2016), Shaingai, China, March 2016

X. Zhang, M. N. El Korso and M. Pesavento, "Maximum likelihood and maximum a posteriori direction-of-arrival estimation in the presence of SIRP noise", in Proc. IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP 2016), Shaingai, China, March 2016.

▶ 2015

dans des revues à comité de lecture

, D. Lautru, D. Schwartz and G. Sou, "FEM Method for the EEG Forward Problem and Improvement Modification of the Saint Venant's Method", Progress In Electromagnetics Research, Vol.153, pp. 1-15

, D. Lautru, A. Benlarbi-Delai, P. De Doncker, "Sensitivity of Whole Body Dosimetry to Channel Parameters", IEEE Transactions on Antennas and Propagation, Vol.63, n° 8, pp.3654-3661, August 2015

. N. El Korso and H. Ouslimani, "Cramér-Rao Bound and Statistical Resolution Limit Investigation of Field Source Localization", Digital Signal Processing, Elsevier, accepted.

H.H. Ouslimani, M.B. Gueye, Y. Letestu, "Experimental Study of a 80GHz Fabry-Perot Cavity

Communications dans des congrès

L. Bacharach, A. Renaux, M. N. El Korso, and E. Chaumette, "Weiss-Weinstein Bound for Change-Point Estimation", in proc. of the IEEE International Workshop on Computational Advances in Multi-Sensor Adaptive Processing, CAMSAP-2015, Cancun, Mexico.

P. Zarka et al., "NenUFAR: Instrument description and science case", IEEE International Conference on Antenna Theory and Techniques (ICATT), Kharkiv, Ukraine, 2015

C. Ren, M. N. El Korso, J. Galy, E. Chaumette, P. Larzabal and A. Renaux, "Une nouvelle approche de résolution limite dans le cadre d'estimation paramétrique multidimensionnelle", in Proc.GRETSI 2015, Lyon, France, September 2015

A. Rubiano, J. L. Ramirez, M. N. El Korso, L. Gallimard, N. Jouandeau and O. Polit, "Elbow Flexion And Extension Identification Using Surface Electromyography Signals", in Proc. EUSIPCO 2015, Nice, France, August 2015.

C. Ren, M. N. El Korso, J. Galy, E. Chaumette, P. Larzabal and A. Renaux, "Performance bounds under misspecification model for MIMO Radar application", in Proc. EUSIPCO 2015, Nice, France, August 2015.

A. Rubiano, J. L. Ramirez, M. N. El Korso, L. Gallimard, N. Jouandeau and O. Polit, "Best Feature Selection and Classification For Elbow Flexion And Extension Movements", The International Workshop on New Computational Methods for Inverse Problems, IOP publishing in the series "Journal of Physics : Conference Series" 2015, Cachan, France

J. L. Ramirez, A. Rubiano, N. Jouandeau, M. N. El Korso, L. Gallimard and O. Polit, "Hybrid kinematic model applied to the under-actuated robotic hand prosthesis ProMain-I and experimental evaluation", in Proc. ICORR, Singapore, August 2015.

J. L. Ramirez, A. Rubiano, L. Gallimard, M. N. El korso, N. Jouandeau, O. Polit "Modeling and Validation Test of Underactuated Robotic Finger", the International ECCOMAS Conference 2015, June, Azores, Portugal

X. Zhang, G. Auton, E. Hill, X. Huang, T. Leng, H. Ouslimani, M. Abdalla, Z. Hu , "Graphene Reconfigurable Coplanar Waveguide (CPW)-Fed Circular Slot Antenna », Session: Advances in Tunable Materials for Reconfigurable Antennas. APS/URSI 2015 | 2015 IEEE

T. Yuan, H. Ouslimani, A. Dhouibi, A. Priou, G. Collignon, G. Lacotte, Z. Hu " Low-profile Top Loaded Monopole Antenna for VHF Applications Session: Electrically Small and Low Profile Antennas ",APS/URSI 2015 | 2015 IEEE

T. Medani, D. Lautru, Z. Ren, D. Schwartz, G. Sou, "Modelling of Brain Sources Using the Modified Siant Venant's Method in FEM Resolution of EEG Forward Problem", the 7th International IEEE EMBS Conference on Neural Engineering, April 22-24, Montpellier, France

► 2014

Communications dans des revues à comité de lecture

M. N. El Korso, J. Galy, E. Chaumette, P. Larzabal and A. Renaux, "On the Accuracy and Consistency of Vector Parameter Estimates", IEEE Transactions on Signal Processing, Volume: 62, Issue: 14, 2014, pp. 3682-3694

D. Lautru, A. Benlarbi-Delaï, J.-M. Dricot, P. De Doncker, "Study of Human Exposure Using the Finite Element Method", Progress In Electromagnetic Research B (PIER B), Vol. 61, 241-252, December 2014.

M. N. El Korso and H. Hafdallah Ouslimani, "A Compact Diplexer Based on Low Profile Multilayer FSS Filters for High Data Rate Point to Point Wireless Communication System", Progress In Electromagnetics

B, Vol. 58, 71-82, 2014 (doi:10.2528/PIER B 1312210):

Hafid Ouslimani, T. Yuan, H. Kanane, A. Priou, G. Collignon, « Metamaterial-based “sabre” antenna », *Revue de Physique des Hautes Pressions*, Rendus Physique Sciences, pp. 12 – 28, 2014, Published by Elsevier Masson (doi. 10.1016/j.crhy.2014.04.0011631-0705 /©2014). www.sciencedirect.com

A. Jafari, L. Petrillo, J. Sarrazin, D. Lautru, P. De Doncker, A. Benlarbi-Delaï, “TDOA estimation method using 60 GHz OFDM spectrum”, *International Journal of Microwave and Wireless Technologies*, DOI : 10.1017/S1759078714000324, Published online 19 March 2014.

L. Petrillo, T. Mavridis, J. Sarrazin, D. Lautru, A. Benlarbi-Delaï, P. De Doncker, “Analytical creeping wave model and measurements for 60 GHz body area networks”, *IEEE Transactions on Antennas and Propagation (IEEE AP)*, Vol. 62, n° 8, pp. 4352-4356, August 2014

Communications dans des congrès

O. Jawad, D. Lautru, A. Benlarbi-Delaï, P. De Doncker, “Sensitivity analysis of the specular and diffuse parts of clusters multipath on the exposure of a child body model”, *Conference AG URSI, Session "KBE01 Uncertainty Management (1)"*, August 16-23, Beijing, Chinese, 2014.

M. N. El Korso, A. Renaux and P. Forster, "CRLB under K-distributed observation with parameterized mean", in *Proc. of IEEE International Sensor Array and Multichannel Signal Processing Workshop, SAM-2014*, A Coruña, Spain.

M. N. El Korso, "On Performance Analysis in Array Processing : Lower Bounds on the Mean Square Error and Statistical Resolution Limit", *ICIT 2014*, January 21-23, 2014, Dubai, UAE.

X. Zhang, M. N. El Korso, and M. Pesavento, "MIMO Radar Performance Analysis under K-distributed Clutter", in *Proc. of IEEE International Conference on Acoustics, Speech, and Signal Processing, ICASSP-2014*, Florence, Italy

M. N. El Korso, R. Boyer and S. Marcos, "A root-finding technique for direction of arrival estimation", in *Proc. of Detection, Architecture and Technology Workshop DAT-2014*, Algiers, Algeria.

O. Jawad, D. Lautru, J. M. Dricot, A. Benlarbi-Delaï, P. De Doncker, “Estimation du DAS corps entier avec la méthode du krigeage ordinaire”, *Conférence CEM 2014, Session orale "Approches stochastiques"*, 1-3 juillet, Clermont-Ferrand, France, 2014.

H. Hafidallah Ouslimani, Tangjie Yuan and, A.C. Priou, “Compact and Broadband Metamaterial-based Array Antenna”, 9 th IEEE/IET International Symposium on Communication Systems, Networks & Digital Signal Processing (CSNDSP’14) 23 – 25 July 2014, Manchester, U.K, IEEE Communications Chapter – UK /RI

F.-H. Meng, H. Hafidallah Ouslimani and Y. Duval, “GPS and DME Dual-function Dualband Dual-polarization Metamaterial-based Patch Antenna”, 9 th IEEE/IET International Symposium on Communication Systems, Networks & Digital Signal Processing CSNDSP’ 23 – 25 July 2014, Manchester, U.K, IEEE Communications Chapter – UK /RI

T. Medani, D. Lautru, Z. Ren, D. Schwartz, G. Sou, “Improved the FEM resolution of the EEG forward problem using the dipole model based on Saint Venant’s approach”, *International Symposium on Biomaterial & Smart Systems*, October 27-28, Cergy, France

▶ 2013

Publications dans des revues à comité de lecture

M. N. El Korso, S. N. Burokur, A. de Lustrac and A. Priou. Metamaterial-based half Maxwell fish-eye lens for low profile directive emissions. *Applied Physics Letters*. Vol. 102 Issue 2. 024102.

T. Yuan, Habiba Hafidallah Ouslimani, Alain C. Priou, Guillaume Lacotte, and Gérard Collignon. Metamaterial-based half Maxwell fish-eye lens for low profile directive emissions. *APPLIED PHYSICS LETTERS* EBG STRUCTURES FOR LOW-PROFILE BENT. *Progress In Electromagnetics Research B*. Vol. 45. pp. 315 - 337, 2013 .

. Adnet, I. Bruant, F. Pablo, H. Hafdallah-Ouslimani, L. Proslie, and A. C. Priou. EXPERIMENTAL OF THE BEHAVIOR OF AN EBG-BASED PATCH ANTENNA SUBJECTED TO MECHANICAL ATIONS. PIER B. 48. 313-327.

A. Ghasemi, S. N. Burokur, A. Dhouibi, A. de Lustrac. Inductive-varying grid for highly beam-steerable cavity antennas. Electronics Letters. Vol. 49 (5). PP. 319-321.
Lien

A. Dhouibi, S. N. Burokur, A. de Lustrac, A. Priou. Low-Profile Substrate-Integrated Lens Antenna Using Metamaterials. IEEE Antenna and Wireless Propagation Letters. Vol 12. PP. 43-46.
Lien

A. Ghasemi, S. N. Burokur, A. Dhouibi, A. de Lustrac. High Beam Steering in Fabry–Pérot Leaky-Wave Antennas. IEEE Antenna and Wireless Propagation Letters. Vol 12. PP. 261-264.
Lien

▶ 2012

ans des revues à comité de lecture

Dhouibi, Shah Nawaz Burokur, André de Lustrac, Alain Priou. Z-shaped meta-atom for negative permittivity metamaterials. Applied Physics A: Materials Science & Processing. Volume 106, Number 1. 45-51.

hou, Habiba Hafdallah Ouslimani, Alain Priou, Abdelwahab Ourir, Olivier Maas. Understanding the behavior of miniaturized metamaterial-based dipole antennas in leaky wave regime. Applied Physics A: Materials Science & Processing. Volume 106, Number 1. Pages 145-149.

ri, S. N. Burokur, A. de Lustrac and A. Priou. Comparison of compact electric-LC resonators for permittivity metamaterials. Microwave and Optical Technology Letters. vol. 54, no. 10. 2287-2295.

ri, S. N. Burokur, A. de Lustrac, A. Priou. Study and analysis of an electric Z-shaped meta-atom. Advanced Electromagnetics (special issue of META'12). Vol 1, No 2. 64-70.
Lien

• H. Xan, H. Hafdallah Ouslimani, T. Zhang and A. C. Priou. CSRRs for Efficient Reduction of the Electromagnetic Interferences and Mutual Coupling in Microstrip Circuits. Progress In Electromagnetics Research B. Vol. 42. 291 - 309.

Tao Zhang, Habiba Hafdallah Ouslimani, et all. A low profile multilayer seventh order band pass frequency selective surface (FSS) for multimeter-waves applications . IEEE Wireless and Microwave Technology Conference, WAMICON 2012. FL, USA. IEEE Wireless and Microwave Technology Conference (WAMICON), Cocoa Beach, FL, April 2012. Crossref DOI: 10.1109/WAMICON.2012.6208471. 3 pages.

H. Hafdallah Ouslimani, X. Han and T. Zhang. Analysis and Reduction of Electromagnetic Coupling Interferences in Microstrip Antenna Arrays. Advanced Electromagnetics Symposium AES 2012 SPECIAL ISSUE, META12, Paris). PARIS. 3 pages.

A. Dhouibi, S. N. Burokur, A. de Lustrac, A. Priou. Compact Metamaterial-Based Substrate-Integrated Luneburg lens antenna . IEEE Antenna and Wireless Propagation Letters. Vol 11. pp. 1504 - 1507 .
Lien

N. Guth, B. Gallas, J. Rivory, J. Grand, A. Ourir, G. Guida, R. Abdeddaim, C. Jouvaud, and J. de Rosny. Optical properties of metamaterials: Influence of electric multipoles, magnetoelectric coupling, and spatial dispersion. Physical Review . B 85, 115138 .

M. N. El Korso, A. Renaux, R. Boyer and S. Marcos, "Deterministic Performance Bounds on the Mean Square Error for Near Field Source Localization", IEEE Transactions on Signal Processing, Volume: 61, Issue: 4, Feb. 2013, pp. 871-877

Communications dans des congrès

Abdallah Dhouibi, Shah Nawaz Burokur, André de Lustrac and Alain Priou. Z-shaped LC resonator for producing negative permittivity. PIERS 2012. Kuala Lumpur. 27-30 March, 2012.

Abdallah Dhouibi, Shah Nawaz Burokur, André de Lustrac and Alain Priou. Etude et analyse d'un meta-atome électrique en forme de Z. JCMM 2012. Chambéry. 28-30 Mars, 2012.

A. Dhouibi, S. N. Burokur, A. de Lustrac, A. Priou. Analysis of a subwavelength Z-shaped metamaterial. metamaterial, Radio and Antenna Days of the Indian Ocean (RADIO 2012). Mauritius. 24-27 Septembre, 2012.

A. Dhouibi, S. N. Burokur, A. de Lustrac, A. Priou. Study and analysis of an electric Z-shaped meta-atom. 3rd International Conference on Metamaterials, Photonic Crystals and Plasmonics (META'12). Paris . 19-22 April, 2012.

H. Hafdallah Ouslimani. Metamaterial Antennas for Embedded Aeronautic Systems. Metamaterial 12. ST PETERSBURG RUSSIE. 21-22 september 2012. Conférence invitée.

H. Hafdallah Ouslimani, X. Han and T. Zhang. Analysis and Reduction of Electromagnetic Coupling Interferences in Microstrip Antenna Arrays. Advanced Electromagnetics Symposium AES 2012 SPECIAL ISSUE, META12, Paris. PARIS. 3 pp.

Tao Zhang, Habiba Hafdallah Ouslimani, et all. A low profile multilayer seventh order band pass frequency selective surface (FSS) for millimeter-waves applications . IEEE Wireless and Microwave Technology Conference, WAMICON 2012. WAMICON 2012. FL, USA. DOI: 10.1109/WAMICON.2012.6208471. 3 pages.

N. Guth, B. Gallas, J. Rivory, G. Guida, J. Grand, A. Ourir, C. Jouvaud, R. Abdeddaim, J. de Rosny. Bianisotropy and spatial dispersion in metamaterials near optical frequencies . META 12. Paris.

Bianisotropy in metamaterials near optical frequencies. N. Guth, B. Gallas, J. Rivory, G. Guida, J. Grand, A. Ourir, C. Jouvaud, R. Abdeddaim, J. de Rosny. 7th Workshop Ellipsometry. Leipzig, Allemagne.

M. N. El Korso, P. Forster, F. Pascal and P. Larzabal, "Résolution limite dans un contexte de localisation active de sources", GRETSI 2013, Brest, France

Thèses

Tangjie YUAN. ANTENNE À MÉTAMATÉRIAUX POUR LES APPLICATIONS AÉRONAUTIQUES. Directeur de Thèse H. Ouslimani. UNIV. PARIS X. Mention Très honorable. 260pages.

▶ 2011

dans des revues à comité de lecture

H. Hafdallah Ouslimani. Negative Refractive Index in Symmetric Cut-Wire Pair Metamaterial. Applied Letters 98. 113505. pp..

Ab Ourir, H. Hafdallah Ouslimani. Negative Refractive Index in Symmetric Cut-Wire Pair Metamaterial. VIRTUAL JOURNALS; Nanoscale Science & Technology (Optical Properties and Quantum Optics) Volume 23 Issue 12. 4 pages.

B. Gallas, R. Abdeddaim, A. Priou, J. Rivory, K. Robbie. Disorder in optical metamaterials made of spirals. Appl. Phys. A 103. pp 783.

N. Guth, J. Rivory, H. Arwin, R. Magnusson, G. Guida, J. Yang, K. Robbie. Nanostructured chiral films : a route to metamaterials at optical frequencies. Thin Solid Films . vol 519. pp 2650.

H. Hafdallah Ouslimani, H.H.Ouslimani, L.Zhou, A.C. Priou, H. Teillet and J.Y. Daden. High Impedance Surfaces based Antennas for High Data Rate Communications at 40 GHz. Progress in Electromagnetic Research. C. 13. pp 217-229. (IF=5.3).

Communications dans des congrès

Y.Peng, Z.Hu, H.H.Ouslimani, A.Priou and H.Zhang. A wideband 60 GHz CMOS antenna with UC-PBG and AMC structure. PIERS 2011. Marrakech, 19-23 March 2011.

X.Han, H.H.Ouslimani, A.C.Priou, G. Collignon and A. Marteau. Low profile antenna arrays and mutual coupling reduction. PIERS 2011. Marrakech, 19-23 March 2011.

C.T.Manh, X.Han, H.H.Ouslimani, A.Priou. Characterization of high impedance surface (HIS) properties for low profile antenna applications. PIERS 2011. Marrakech, 19-23 March 2011.

T.Yuan, L.Zhou, H.H.Ouslimani, A.C.Priou, G.Collignon and A. Marteau. Ultra compact VHF vertically polarized antenna for aircraft. PIERS 2011. Marrakech, 19-23 March 2011.

M.B. Gueye, Y.Letestu, A.le Bayon, H.Hafdallah Ouslimani, N.Burokur and A.C.Priou. New directive planar antenna for the next generation of point to point communication in E-band range (71-86 GHz). PIERS 2011. Marrakech, 19-23 March 2011.

M.B.Gueye, H.Ouslimani, A.priou, N. Burokur and Y. Lestestu. Antenna array for point to point communication in E-band frequency range. APS-S/URSI 2011. , Spokane, Washington July 3-8, 2011.

X.Han, H.Hafdallah Ouslimani, A.Priou, A. Marteau and G. Collignon. Understanding the coupling reduction effect in microstrip array antennas using high impedance surface (HIS). APS-S/URSI 2011. Spokane, Washington July 3-8, 2011.

B.Gallas, N.Guth, J.Rivory, J.Yang, K.Robbie, G.Guida and A.Priou. Nanostructures 3D par depot en incidence rasante : une voie de synthèse pour les métamatériaux pour l'optique sur de grandes surfaces. Conférence Nationale sur les Métamatériaux, papier invité. 14-15 mars 2011, IEF , Ile de France.

M.B. Gueye, , H.H.Ouslimani, N.Burokur, A.C.Priou, Y.Letestu, A.le Bayon. Nouvelle antenne directive pour la future génération de communication point à point dans la bande de fréquences 71-86GHz. 17ème JNM. 18-20 Mai 2011, Brest.

A.Priou. Tentative of smart skin metamaterial antennas embedded in an aircraft structures :MSIE french program from Aeronautic cluster. Plasmeta 2011, september 20 -27, 2011. Samarkand Uzbekistan.

Thèses

LU YANG ZHOU. Métamatériaux et Antennes aux Basses Fréquences. Deux articles de REVUE. PST Ville d'Avray. 6 conférences Intern.. Mention TRES HONORABLE.

► 2010

Publications dans des revues à comité de lecture

X.Han, H.H.Ouslimani, L.Zhou, A.C. Priou, H. Teillet and J.Y. Daden. High Impedance Surfaces based on U-shaped Metamaterials for High Data Rate Communications at 40 GHz. Progress in Electromagnetic Research, C. 13. 2010.

K.Robbie, R. Abdedaim, G.Guida, J.Yang, J.Rivory and A. Priou. Silver-square nanospirals mimic properties of U-shaped metamaterials. Optics Express. 18. 16335-16344. 2010.

N.Guth, J. Rivory, H. Arwin, R. Magnusson, G. Guida, J. Yang, K. Robbie. Nanostructured chiral films : a route to metamaterials at optical frequencies. Thin Solid Films . 2010.

Publications dans des congrès

Z. Hu, H.Ouslimani, A. Priou and H Zhang. Ultra Thin Low Profile U-Band Folded Metamaterial Dipole Antenna for Multi Gb/s Data Transmission using 65 nm CMOS Technology. IEEE International Symposium on Antennas and Propagation and EMC Europe Conference on New Antennas and Propagation, SI 2010, July 11-17, 2010. Toronto, Canada.

N.Lassouaoui, H.H.Ouslimani and A. Priou. Finite Element Method with GA to Optimize the High Impedance Surface based on Self Resonant Grids. Metamaterials 2010, September 13-18, 2010. Karlsruhe, Germany.

C.T. Manh, H.H.Ouslimani, and A. Priou. Resonance Characterization of High Impedance Surface Properties by Suspended Strip-line Method. Metamaterials 2010, September 13-18, 2010. Karlsruhe, Germany.

F. Meng, H.H.Ouslimani, A. Priou and Y. Duval. Multi-function and Multi-polarization Patch Antennas with Metamaterial High Impedance Surfaces. Metamaterials 2010, September 13-18, 2010. Karlsruhe, Germany.

X. Han, H.H.Ouslimani and A. Priou. Redcution of the E-Plane Coupling between Microstrip Antenna Arrays

using High Impedance Surface. *Metamaterials 2010*, September 13-18, 2010. Karlsruhe, Germany.

C.T. Manh, X. Han, H.H. Ouslimani, A. Priou, A. Marteau and G. Collignon. Reduction of the Coupling between Microstrip Antennas Using High Impedance Surface (HIS) Structures. *EuMC 2010*, 26 Septembre au 1 Octobre 2010. Paris, France.

T. Yuan, L. Zhou, H.H. Ouslimani, A. Priou, P. Besnard, G. Collignon and A. Marteau. A compact Broadband Omnidirectional Vertically Polarized VHF Antenna for Aircraft. *EuMC 2010*, 26 Septembre au 1 Octobre 2010. Paris, France.

G. Guida, B. Gallas, R. Abdeddaïm, A. Priou, J. Rivory, K. Robbie. Disorder in optical metamaterial made of nanospiral of silver. *META Conference*. Cairo, Egypt. 22-25 February 2010.

Gallas, N. Guth, J. Rivory, H. Arwin, R. Magnusson, G. Guida, J. Yang, K. Robbie. Nanostructured chiral silver thin films : a route to metamaterials at optical frequencies. *ICSE-V*. 23-28 May 2010. Albany (NY, USA).

A. Priou and H. Ouslimani. The Metamaterials: the New Electronic Aggregate Composite Materials and Their Applications. *PIERS 2010*, March 22-26. Xian, China 2010.

B. Gallas, N. Guth, J. Rivory, J. Yang, K. Robbie, G. Guida, A. Priou. Three-dimensional metallic nanostructures synthesized by Glancing Angle Deposition. *IEEE conference proceedings, Advances in Optoelectronics and Micro/Nano-Optics (AOM)*. DOI : 10.1109/AOM.2010.5713574.

B. Gallas, N. Guth, J. Rivory, J. Yang, K. Robbie, G. Guida, A. Priou. Three-dimensional metallic nanostructures synthesized by glancing angle deposition. *Advances in Optoelectronics and Micro/nano-optics (AOM 2010)*. GuangZhou (China).

Thèses

Cuong Tran Manh. Structures Métamatériaux pour Antennes en Ondes Millimétriques Haut Débit . soutenance 10 février 2011, Directeur de Thèse; Prof. H. Ouslimani, Co-Direction Prof. A. Priou. Enseignant à ENS se Saigon, Vietnam.

Ouvrage

O. Maas, H. Hafidallah Ouslimani, L.Y. Zhou. Considération sur l'utilisation d'une HIS en association avec une dipôle rayonnant . *Antennes Non Standard*. chapitre 10 . Sous Direction des F. Le Chevalier, D. Lesseli.

► 2009

Publications dans des revues à comité de lecture

Abdeddaïm, G. Guida, A. Priou, B. Gallas, J. Rivory. Negative permittivity and permeability of Gold Square Metamaterials. *Applied Physics Letters*. 94. pp.081907-1-3.

Abdeddaïm, G. Guida, A. Priou. Nonlinear response of a 2D photonic crystal made of Kerr effect nonlinear rods of large diameter. *Journal of Modern Optics*. vol.56, no.5. pp.646-652. 10 March 2009.

Publications dans des congrès

Zbitou, H. H. Ouslimani and A. Priou, . Electromagnetic analysis with Genetic Synthesis to Analyse Propagation Properties of High Impedance Surfaces. *PIERS 2009*, . Beijing, Chine.

Zhou, H. H. Ouslimani and A. Priou, . Electromagnetic Model for High Impedance Surfaces used in Antenna Application. *PIERS 2009*, . Beijing, Chine.

Abdeddaïm and H. Ouslimani. L and Millimeter bands Metamaterial Antenna . *Days on Diffraction*. St-Petersburg, Russia. May 25-29.

A. Priou and H.H. Ouslimani. From Conducting or Dielectric Loaded Composite Materials to Electronic Aggregate Composite Materials and Metamaterial Structures and their applications. *Conférence Invitée, Days on Diffraction*. St-Peterburg Russia. May 25-29.

A. Noor, Z. Hu, H. Ouslimani and A. Priou. Wideband Thin Resistive Metamaterial Radar Absorbing Screen. *APS 2009*, June 1-5, 2009. Charleston, USA.

M. Eizmendi, H. Ouslimani, J. Zbitou and A. Priou. Bi-band PIFA over a metamaterial structure. *2009 Reme*

Workshop and Third Young Scientist Meeting on Metamaterials, (YSMM'09). Madrid , Spain.2009 . July 6-8.

Cuong Tran Manh, Habiba Hafdallah Ouslimani, Jamal Zbitou, Alain Priou, Herve Teillet, J. Y. Daden. Applications des surfaces hautes impédance pour le découplage entre les antennes millimétriques. 16ème JNM . 24-29 Mai 2009, Grenoble.

A.Priou et H. Ouslimani. The Metamaterials : the New Aggregate Composite Materials and Theirs Applications. Conférence Invitée lor de APMC, 2009. December 4-7, 2009, Singapour et presentation au National University of Singapore (NUS).

Ouvrage

N.Lassouaoui, H. H. Ouslimani and A. Priou, . Optimization of Radar Absorber Structures using Genetic Algorithms. Metamaterials and Plamonics : Fundamental, Modeling and Applications. NATO Science For Peace and Security Series – B: Physics and Biophysics, Springer. 153 – 164.

N.Lassouaoui, H. H. Ouslimani et A.Priou, . Développement of Genetic Algorithms and C-Method for Optimizing a Scattering by Rough Surface . World Scientific and Engineering Academy and Society. Spring Veerlag Book, chap 9, part 15.

H. H. Ouslimani,. Fonctions principales de l'électronique analogique. Editions EDUCALIVRE, Castella, 520 pages (2009).
Lien

2008

dans des revues à comité de lecture

N. Lassouaoui, H. H. Ouslimani, Lu Yang Zhou, Cuong Tran, Alain Priou Olivier Maas Hervé Teillet and Jean Yves Daden. Design of metamaterial antennas for low and high operational frequency. 26th US Army Science Conference, 1-4 December, Orlando, FL, USA.

Publications dans des congrès

N. Lassouaoui, H. H. Ouslimani and A. Priou, . Design and Characterization of Metamaterial Antenna for Low Frequency . Metamaterials 2008, September, 21-26, 2008, Pampelonne,.

Cuong Tran, H. H. Ouslimani, A. Priou, H. Teillet and J. Y. Daden , . Experimental Characterization of HIS Antenna using the technique of Suspended Microstrip-line. Metamaterials 2008, September, 21-26, 2008, Pampelonne,.

N. Lassouaoui, H. H. Ouslimani and A. Priou,. Optimization of Radar Absorber Structures using Genetic Algorithms. NATO Advanced Research Workshop on Metamaterials for Secure Informtion and Communication Technologies, 7-10 May 2008, . Marrakech .

N.Lassaouaoui, H. H. Ouslimani, A. Priou and Zhirun Hu, . Characterization of Artificial magnetic Conductor with Genetic Algorithms. Metamaterials 2008, September, 21-26, 2008, Pampelonne,.

N. Lassouaoui, H. H. Ouslimani and A. Priou,. Genetic Algorithms for Automated Design of the Multilayer Absorbers in X- Band and Incident Angle Range. Proceedings of PIERS 2008, p 509-513, March 24-28, 2008, . Hangzhou, China.

N. Lassouaoui, H. H. Ouslimani and A. Priou ,. Differential Theory with Genetic Algorithms in Design of Periodic Absorbers. Proceedings of PIERS 2008, p 572-576, March 24-28, 2008, . Hangzhou, China.

R. Abdeddaim, H. H. Ouslimani, and A. Priou, . Design and Characterization of Metamaterials using Space Filling Curve. PIERS 2008, pp. 1306-1312, March 24-28, 2008, . Hangzhou, China..

A.K. Kasbari, A. Ouslimani, H.H. Ouslimani, S. Blayac, A. Konczykowska. Improved Design and Characterization Method for Very High Speed Bipolar Circuits. IEEE GSMM2008 Global Symposium on Millimeter waves Nanjing, China April 21-24. China.

Cuong Tran, H. H. Ouslimani, G. Guida , A. Priou , H. Teillet and J.Y.Daden , . Metamaterial Structures for Compact Millimeter Wave Antenna Applications. Proceedings of Progress In Electromagnetism Research Symposium, PIERS 2008, pp. 1306-1312 , March 24-28, 2008, . Hangzhou, China..

▶ 2007

Publications dans des congrès

Abdeddaim, H. H. Ouslimani, A. Priou . Role of the Electrical Polarization On the Split-Ring Resonators Structures. International Conference on Electromagnetic Near-Field Characterization and Imaging: ICONIC 2007, June 28-29th June 2007, . Saint Louis, Missouri, USA.

Zouaoui, H. H. Ouslimani and A. Priou, . Development of genetic algorithms and C-method for modeling a scattering by rough surface . WSEAS International Conference, European Computing Conference ECC'07 (SPRINGER VERLAG) Athens - Greece, September 25-27, 2007. Athens - Greece.

Abdeddaim, H. H. Ouslimani and A. Priou. Extraction of electrical properties: development of a new convergence algorithm available for lossy material and meta-material structures. PIERS 2007, Beijing 2007, Pékin. Pékin.

Abdeddaim, H. H. Ouslimani and A. Priou,. New electrical model for left handed materials. PIERS 2007, Beijing. In Electromagnetism Research Symposium March 26-30, 2007, Beijing, CHINA PIERS 2007. Beijing, CHINA .

N. L. Laraqi, S. Vintrou, H. H. Ouslimani, A. Bairi, . Température à la jonction d'un composant électronique sur son substrat. Congrès SFT07, Ile des Embiez, 29 mai - 01 juin 2007..

A. Baïri, N. Laraqi, Z. Zouaoui, J.M. García de María, N. Alilat and H.H. Ouslimani, . Transient natural convection in closed and inclined cubical enclosures: Application to electronic equipment thermal regulation. HEFAT 2007, N° BA4, 5th International Conference on Heat Transfer, Fluid Mechanics and Thermodynamics Sun City,. South Africa.

Thèses

Redha Abdeddaim . Développement de Méthodologies de Caractérisation Electromagnétique des Matériaux et Métamatériaux, Approche de la fonction d'absorption. soutenance le 20 novembre 2007, Université Paris Nanterre, Direction de thèse Prof. Ouslimani. Enseignement Supérieur; MCF, Institut Fresnel Marseille.

▶ 2006

Publications dans des revues à comité de lecture

Bonnefois, G. Guida, A. Priou, M. Nevière, E. Popov. Simulation of two-dimensional Kerr photonic structures via fast Fourier factorization. JOSA A. vol.23, no.4. pp.842-847, 2006.

Bonnefois, Geraldine Guida et Alain Priou (G E A, Université Paris Nanterre) et Alain Priou (Thales Optronique). brevet sur un FILTRE OPTIQUE COMMUTABLE A CRISTAUX LIQUIDES. extension PCT le 19 novembre 2007 à 150 pays (PCT/EP2007/062506)..

▶ 2005

Publications dans des revues à comité de lecture

Ouslimani, R. Abdeddaim and A. Priou. Free-space Electromagnetic characterization of materials and radar cross sections. PIERS Online Vol 1, N° 2, 128-132.

Ouslimani, R. Abdeddaim and A. Priou, . Electromagnetic characterization of materials and radar cross sections. PIERS Online Vol 1, N° 2, 128-132, .

nefois, G. Guida et A. Priou,. A new multiple scattering method application: simulating an infinite 2D photonic crystal by analyzing, sorting and suppressing the border effects. Optical Communications, Janvier 2005.

Publications dans des congrès

Ouslimani, R. Abdeddaim, A. Priou. Electromagnetic Characterization of Materials'. International Conference on Electromagnetic Near-Field Characterization and Imaging: ICONIC 2005, 8th-10th June 2005, Salamanca, Spain..

H. H. Ouslimani, R. Abdeddaim, A. Priou, . Free-Space Electromagnetic Characterization of Materials for Microwave and Radar Applications. PIERS Progress In Electromagnetism Research Symposium 2005, Hangzhou, August 23-26.. Hangzhou, China.

J.J.Bonnefois, G. Guida et A. Priou,. Difference between homogeneous and inhomogeneous methods while simulating nonlinear Kerr type Photonic Crystals. PIERS Août 2005, . Hangzhou, .

▶ 2004

Publications dans des revues à comité de lecture

A. de Lustrac, A. Priou. An introduction to Photonic Band Gap materials. PIERS. Vol.41. Chapter 1, pp.1-10.

Numerical studies of disturbed photonic crystals. PIERS. Vol.41. Chapter 5, pp.107-131.

Publications dans des congrès

Ouslimani, A. Ouslimani, H. H. Ouslimani, S. Blayac, A. Konczykowska. Improved Design and Simulation Method for ECL Very High Speed Circuits. Proc. 34th European Microwave Conference, October, Oct. 2004. Amsterdam.

▶ 2003

Publications dans des congrès

A. Priou, G. Berginc,. Nonlinear photonic crystals. PIERS 2003, 13- 16 octobre 2003, Honolulu

▶ 2002

Publications dans des revues à comité de lecture

Ouslimani, J. Gaubert, H. Hafdallah, A. Birafane, P. Pouvil, H. Leier. Direct Extraction Method of Linear Model Using nine Analytical expression blocks. ". IEEE MTT Microwave Theory and Techniques; Vol. 48, January 2002, pp. 218-221.

▶ 2000

Publications dans des revues à comité de lecture

Ouslimani, H. Hafdallah, J. Gaubert, M. Medjnoun and P. Pouvil. HBT Large Signal Transient Model Including NQS effects. Electronics Letters, 18th September 2000.

Hafdallah, A. Ouslimani, R. Adde, G. Vernet et P. Crozat. Feasibility of Electrical Sampling Using GaAs HEMT. IEEE Transactions On Instrumentations and Measurements I&M, February 2000, Vol. 49 n° 1, pp. 77-81.

Publications dans des congrès

ani, H. Hafdallah, J. Gaubert, M. Medjnoun; . New Method to Determine the HBT's Capacitances, Multi-Bias S-Parameter Measurements. IEEE Electrons Devices On Microwave and Optics EDMO Glasgow 13-14 November 2000, pp. 259-264..

ani, Ph. André, S. Blayac, M. Riet, A. Konczykowska, H. Hafdallah and J. Godin,. Design of a 50 GHz Si-IMP/InGaAs HBT Master-Slave D-type Flip-Flop. IEEE Electrons Devices On Microwave and Optics; EDMO 2000, Glasgow, 13-14 November 2000, pp.105-110..

▶ 1999

Publications dans des congrès

ani, H. Hafdallah, M. Medjnoun, J. Gaubert et P. Pouvil. Non-Quasi-Static Large-Signal Transient for Heterojunction Bipolar transistors. IEEE MTTs, Transactions on Microwave Theory and Techniques; MTT-s Digest 1999, pp. 427-430..

▶ 1998

Publications dans des congrès

ani, J. Gaubert, H. Hafdallah, A. Birafane, P. Pouvil H. Leier; . New Method for Determining Access Inductances of High Frequency On-Wafer Coplanar HBT. European Gallium Arsenide Symposium- GAAS 98, Amsterdam, Netherlands, 1998, pp. 391-394..

▶ 1997

ouslimani,. Cours et exercices résolus en électronique ; 356 pages . Electricite, Editions Eyrolles, Castella.

▶ 1994

Publications dans des congrès

ah, A. Ouslimani, R. Adde et G. Vernet. Picosecond Time Domain Measurements using GaAs FET. Conference On Precision Electromagnetic Measurements Digest, CPEM Conference Digest July Boulder Colorado USA. pp. 11-13..

▶ 1993

Publications dans des revues à comité de lecture

ah, A. Ouslimani, G. Vernet and R. Adde. Picosecond Pulse Shaping and Compression with FETs. IEEE Electronics Letters 18th Feb. 1993; Vol. 29 N° 4 pp. 414-415. .

▶ 1992

Publications dans des revues à comité de lecture

Frankel, M.Y., Frankel, J.F., Whitaker, G.A., Mourou, D., Hulin, A., Antonetti, M., Van Hove, W., DE. Raedt, P., Hafdallah, H. Picosecond large-signal switching characteristics of a pseudomorphic AlGaAs modulated doped field effect transistor. Applied Physics Letters. 61 (10), 7 September 1992. pp. 1189.

Publications dans des congrès

Frankel, M.Y., Frankel, J.F., Whitaker, G.A., Mourou, D., Hulin, A., Antonetti, M., Van Hove, W., DE. Raedt, P., Hafdallah, H. . Picosecond Pseudomorphic AlGaAs/InGaAs MODFET Large Signal Switching Characterized by Electro-Optic Sampling. Ultrafast phenomena ; 8ème Conférence Internationale du 8-12 juin 1990, Paris, France, pp. 51-53. France.

▶ 1990

Publications dans des revues à comité de lecture

Hafdallah, G., Vernet, A., Ouslimani et R. Adde. A 20 Picosecond MESFET Sampling Gate. Electronics Letters, 15th oct. 1989, Vol. 25 N° 22 pp. 1471-1473.

Ouslimani, G., Vernet, H., Hafdallah et R. Adde,. Large Amplitude Picosecond Step Generation with FETs. Electronics Letters, 13th September 1990, Vol. 26 N° 19 pp. 1563-1564. .

Publications dans des congrès

Hafdallah, G., Ouslimani, H., Hafdallah, M., Medjnoun et A. Birafane. New Large-Signal Electrothermal HBT Characterization by Original Parameters Extraction Procedure. 28th European Gallium Arsenide Applications Conference - GAAS 98, Amsterdam, Netherlands, 1998 pp. 401-406. Netherlands.

Hafdallah, A., Ouslimani, G., Vernet et R. Adde. Mesure de réponse dans le domaine temps par modulation séquentielle picoseconde à TEC GaAs. IEEE Microwave Theory and Techniques Society. Electronics Letters, 13th September 1990, pp. 22-23..

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