



L

Laakso, Timo

Labeau, Fabrice

Lacoste, Caroline

Lagorio, Andera

Lan, Tian

Lang, Elmar Wolfgang

Laplanche, Christophe

Laurenson, David Irvine

Labarre, David

Lacaze, Bernard

Ladret, Patricia

Lambotharan, Sangarapillai

Landqvist, Ronnie

Lanwer, Sven

Lara, Manuel M.

Laurent, H el ene



L

Lavielle, Marc

Lay Ergun, Eser

Le Gal, Bertrand

Le Guennec, Daniel

LeBlanc, James P.

Ledda, Alessandro

Lee, John Aldo

Lehman, Arne

Lavoué, Guillaume

Le Gac, Jean-Claude

Le Gland, Francois

Le Ruyet, Didier

Lecumberri, Pablo

Lee, D. T.

Lee, Wei Wei

Leibman, Amir



L

Lemur, Dominique

Leonardi, Riccardo

Leus, Geert

Li, Chunjian

Li, Jack

Li, Xiong

Lin, Huei-Shan

Liu, Chih-Hao

Leonard, Francois

Leppert, Tania

Leyman, A. Rahim

Li, Dalong

Li, Minghui

Lim, William

Lin, Yuan-Pei

Liu, Dake



L

Liu, Wei M.

Lo-Varco, Gregory

Long, Zhiling

Lopez-Caniego, Marcos

López-Ferreras, Francisco

Louet, Yves

Lu, Henry Horn-Shing

Luengo, David

Liu, Xiuwen

Lobato, Elen

Lopatka, Maciej

López-Carmona, Miguel Angel

Lops, Marco

Louradour, Jérôme

Lu, Yilong

Lui, Ka-Chun



L

Luise, Marco

Luo, Tzung-Hwui

Lyroudia, Kleoniki

Lunglmayr, Michael

Luo, Xuanwen

Löllmann, Heinrich Wilhelm



Timo Laakso

* ***Organization :***

Helsinki University of Technology, Finland

* ***Paper(s) :***

 RFI CANCELLATION IN VDSL SYSTEMS USING A NOVEL COMPLEX ([Abstract](#))

 A NOVEL CARRIER ALLOCATION METHOD FOR MULTIUSER OFDM SYSTEM WITH AMPLIFIER NONLINEARITIES ([Abstract](#))

 A SET-MEMBERSHIP APPROACH TO NORMALIZED PROPORTIONATE ADAPTATION ALGORITHMS ([Abstract](#))

 CLOSED-FORM DESIGN OF DIGITAL FRACTIONAL-DELAY FILTERS WITH CONSTANT MAGNITUDE AND VARIABLE DELAY ([Abstract](#))

Letter-L

Menu



David Labarre

* ***Organization :***

Equipe Signal & Image, LAPS UMR 5131, ENSEIRB, France

* ***Paper(s) :***



TWO CROSS COUPLED KALMAN FILTERS FOR JOINT ESTIMATION OF MC-DS-CDMA FADING CHANNELS AND THEIR CORRESPONDING AUTOREGRESSIVE PARAMETERS ([Abstract](#))



Fabrice Labeau

* ***Organization :***

McGill University, Canada

* ***Paper(s) :***



PERFORMANCE OF NOISE-SHAPING IN OVERSAMPLED FILTER BANKS ([Abstract](#))

Letter-L

Menu



Bernard Lacaze

* **Organization :**

INSA/IRIT, France

* **Paper(s) :**



SINGLE AND MULTIPLE SPREAD SPECTRUM WATERMARKING BASED ON PERIODIC CLOCK CHANGES ([Abstract](#))



ANALYSIS BANKS, SYNTHESIS BANKS, LPTV FILTERS: PROPOSITION OF AN EQUIVALENCE DEFINITION APPLICATION TO THE DESIGN OF INVERTIBLE LPTV FILTERS ([Abstract](#))

Letter-L

Menu



Caroline Lacoste

* **Organization :**
INSA, France

* **Paper(s) :**



EXTRACTION OF HYDROGRAPHIC NETWORKS FROM SATELLITE IMAGES USING A HIERARCHICAL MODEL WITHIN A STOCHASTIC GEOMETRY FRAMEWORK. ([Abstract](#))



Patricia Ladret

* ***Organization :***

Laboratoire des Images et des Signaux (LIS), France

* ***Paper(s) :***



STATIC AND DYNAMIC FEATURE-BASED VISUAL ATTENTION MODEL: COMPARAISON WITH HUMAN JUDGMENT ([Abstract](#))

Letter-L

Menu



Andera Lagorio

* ***Organization :***

DEIR University of Sassari, Italy

* ***Paper(s) :***



MEASURING DIFFERENCES BETWEEN FACES ([Abstract](#))

Letter-L

Menu



Sangarapillai Lambotharan

* *Organization :*

King's College London, United Kingdom

* *Paper(s) :*

 ORTHOGONALIZATION OF QUASI-ORTHOGONAL SPACE-TIME BLOCK CODES IN MULTIPATH FADING ENVIRONMENTS BY USING FEEDBACK ([Abstract](#))

 LOW COMPLEXITY ITERATIVE METHOD OF SIGNAL DETECTION IN OFDM ([Abstract](#))



Tian Lan

* ***Organization :***

OHSU, United States

* ***Paper(s) :***



ESTIMATING COGNITIVE STATE USING EEG SIGNALS ([Abstract](#))

Letter-L

Menu



Ronnie Landqvist

* ***Organization :***

Blekinge Institute of Technology, Sweden

* ***Paper(s) :***



EFFECT OF NORMALIZATION OF EIGENVECTORS ON THE PAST AND RP ALGORITHMS FOR PCA
([Abstract](#))



Elmar Wolfgang Lang

* **Organization :**

University of Regensburg, Germany

* **Paper(s) :**



SPATIOTEMPORAL BLIND SOURCE SEPARATION USING DOUBLE-SIDED APPROXIMATE JOINT DIAGONALIZATION ([Abstract](#))



Sven Lanwer

* ***Organization :***

University of Tübingen, Germany

* ***Paper(s) :***



A SMART CAMERA APPROACH TO REAL-TIME TRACKING ([Abstract](#))

Letter-L

Menu



Christophe Laplanche

* ***Organization :***

University of Paris XII, France

* ***Paper(s) :***



DETECTION AND TRACKING OF NON-STATIONARY TRANSIENT SIGNALS BASED ON THE INNOVATIONS FILTER ([Abstract](#))

Letter-L

Menu



Manuel M. Lara

* ***Organization :***

CINVESTAV-IPN, Mexico

* ***Paper(s) :***

 SYNCHRONISATION AND DC-OFFSET ESTIMATION FOR CHANNEL ESTIMATION USING DATA-DEPENDENT SUPERIMPOSED TRAINING ([Abstract](#))



David Irvine Laurenson

* ***Organization :***

The University of Edinburgh, United Kingdom

* ***Paper(s) :***



[DIRECTIONAL MEASUREMENTS AND MODELLING OF INDOOR ENVIRONMENTS AT 5.2GHZ \(Abstract\)](#)



Hélène Laurent

* ***Organization :***
LVR, France

* ***Paper(s) :***



PERFORMANCE EVALUATION OF IMAGE SEGMENTATION. APPLICATION TO PARAMETERS FITTING
([Abstract](#))



Marc Lavielle

* ***Organization :***

Université Paris–Sud, France

* ***Paper(s) :***



BLIND SOURCE SEPARATION OF NOISY MIXTURES USING A SEMI-PARAMETRIC APPROACH WITH APPLICATION TO HEAVY-TAILED SIGNALS ([Abstract](#))

Letter–L

Menu



Guillaume Lavoué

* ***Organization :***

LIRIS UMR 5205, France

* ***Paper(s) :***

 HIGH RATE COMPRESSION OF 3D MESHES USING A SUBDIVISION SCHEME ([Abstract](#))



Eser Lay Ergun

* ***Organization :***

Nuclear Medicine Dep., Hacettepe University, Turkey

* ***Paper(s) :***



SIMULTANEOUS TRIPLE-REGISTRATION OF ICTAL SPECT, INTERICTAL SPECT AND MR IMAGES FOR EPILEPSY STUDIES: METHOD AND VALIDATION ([Abstract](#))

Letter-L

Menu



Jean-Claude Le Gac

* **Organization :**
GESMA, France

* **Paper(s) :**

 [MULTI-COMPONENT SIGNAL DENOISING USING UNITARY TIME-FREQUENCY TRANSFORMS](#)
([Abstract](#))

Letter-L

Menu



Bertrand Le Gal

* ***Organization :***

LESTER Laboratory – UBS University, France

* ***Paper(s) :***

 C- BASED RAPID PROTOTYPING FOR DIGITAL SIGNAL PROCESSING ([Abstract](#))

 PIPELINED MEMORY CONTROLLERS FOR DSP REAL-TIME APPLICATIONS HANDLING UNPREDICTABLE DATA ACCESSES ([Abstract](#))



Francois Le Gland

* ***Organization :***

IRISA / INRIA Rennes, France

* ***Paper(s) :***

 A SEQUENTIAL PARTICLE ALGORITHM THAT KEEPS THE PARTICLE SYSTEM ALIVE ([Abstract](#))



Daniel Le Guennec

* ***Organization :***
Supelec, France

* ***Paper(s) :***

 [CONSTANT NORM ALGORITHMS FOR MIMO COMMUNICATION SYSTEMS \(Abstract\)](#)

Letter-L

Menu



Didier Le Ruyet

* ***Organization :***
CNAM, France

* ***Paper(s) :***



PILOT-SYMBOL-AIDED ITERATIVE CHANNEL ESTIMATION FOR OFDM-BASED SYSTEMS ([Abstract](#))



James P. LeBlanc

* ***Organization :***

Luleå University of Technology, Sweden

* ***Paper(s) :***



PERFORMANCE DEGRADATION DUE TO BLINDNESS IN SEPARATION OF MIMO-FIR SYSTEMS OVER COST207 CHANNELS ([Abstract](#))



Pablo Lecumberri

* ***Organization :***

Universidad Pública de Navarra, Spain

* ***Paper(s) :***



MULTICHANNEL BLIND DECONVOLUTION OF IMPULSIVE SIGNALS ([Abstract](#))

Letter-L

Menu



Alessandro Ledda

* ***Organization :***

Ghent University, Belgium

* ***Paper(s) :***



MAJORITY ORDERING FOR COLOUR MATHEMATICAL MORPHOLOGY ([Abstract](#))



D. T. Lee

* ***Organization :***

Academia Sinica, Taiwan

* ***Paper(s) :***



[GRIDDING THE SPOT CENTERS OF MICROARRAY IMAGES \(Abstract\)](#)



John Aldo Lee

* ***Organization :***

Université catholique de Louvain, Belgium

* ***Paper(s) :***

 [CAN WE ALWAYS TRUST ENTROPY MINIMA IN THE ICA CONTEXT ? \(Abstract\)](#)

 [A SIMPLE ICA ALGORITHM FOR NON-DIFFERENTIABLE CONTRASTS \(Abstract\)](#)



Wei Wei Lee

* ***Organization :***

The Robert Gordon University, United Kingdom

* ***Paper(s) :***



[HYBRID SEGMENTATION OF THE HIPPOCAMPUS IN MR IMAGES \(Abstract\)](#)

Letter-L

Menu



Arne Lehman

* **Organization :**

Technische Universitaet Dresden, Germany

* **Paper(s) :**



DESIGN AND AUTOMATIC CODE GENERATION OF A TWO-DIMENSIONAL FAST COSINE TRANSFORM FOR SIMD DSP ARCHITECTURES ([Abstract](#))

Letter-L

Menu



Amir Leibman

* ***Organization :***

Ben-Gurion University, Israel

* ***Paper(s) :***



PERCEPTUAL TIME-VARYING MODELLING OF SPEECH SIGNALS FOR ASR COMPRESSION
APPLICATION ([Abstract](#))

Letter-L

Menu



Dominique Lemur

* ***Organization :***

I.E.T.R. Université de Rennes 1, France

* ***Paper(s) :***

 [A BLIND SPATIO TEMPORAL EQUALIZATION OPERATING ON A POLARIZATION](#) ([Abstract](#))



Francois Leonard

* ***Organization :***

Institut Hydro Quebec, Canada

* ***Paper(s) :***



MULTICOMPONENT SIGNAL: LOCAL ANALYSIS AND ESTIMATION ([Abstract](#))

Letter-L

Menu



Riccardo Leonardi

* ***Organization :***

SCL – DEA University of Brescia, Italy

* ***Paper(s) :***



A NEW VIDEO AUTHENTICATION TEMPLATE BASED ON BUBBLE RANDOM SAMPLING ([Abstract](#))



Tania Leppert

* ***Organization :***

McGill University, Canada

* ***Paper(s) :***



PERFORMANCE OF NOISE-SHAPING IN OVERSAMPLED FILTER BANKS ([Abstract](#))

Letter-L

Menu



Geert Leus

* ***Organization :***

Delft University of Technology, Netherlands

* ***Paper(s) :***



RLS DIRECT EQUALIZER ESTIMATION WITH ASSISTANCE OF PILOTS FOR TRANSMISSIONS OVER TIME-VARYING CHANNELS ([Abstract](#))



BLIND SYNCHRONIZATION IN MULTIUSER TRANSMIT-REFERENCE UWB SYSTEMS ([Abstract](#))



INTERPOLATION-BASED MULTI-MODE PRECODING FOR MIMO-OFDM SYSTEMS ([Abstract](#))



MMSE ESTIMATION OF BASIS EXPANSION MODELS FOR RAPIDLY TIME-VARYING CHANNELS ([Abstract](#))

Letter-L

Menu



A. Rahim Leyman

* ***Organization :***

Institute for Infocomm Research, Singapore

* ***Paper(s) :***



UWB PRECISION GEOLOCATION USING FFT INTERPOLATION ([Abstract](#))



Chunjian Li

* ***Organization :***

Aalborg University, Denmark

* ***Paper(s) :***



A NEW ITERATIVE SPEECH ENHANCEMENT SCHEME BASED ON KALMAN FILTERING ([Abstract](#))



Dalong Li

* ***Organization :***

Georgia Institute of Technology, United States

* ***Paper(s) :***



A NEW METHOD FOR SUPPRESSING OPTICAL TURBULENCE IN VIDEO ([Abstract](#))



Jack Li

* ***Organization :***

University of Cambridge, United Kingdom

* ***Paper(s) :***



TRACKING VARIABLE NUMBER OF TARGETS USING SEQUENTIAL MONTE METHODS ([Abstract](#))



Minghui Li

* ***Organization :***

Nanyang Technological University, Singapore

* ***Paper(s) :***

 [NULL-STEERING BEAMSPACE TRANSFORMATION DESIGN FOR ROBUST DATA REDUCTION](#)
([Abstract](#))

Letter-L

Menu



Xiong Li

* ***Organization :***

Northwestern Polytechnical University, China

* ***Paper(s) :***

 BAYESIAN MAXIMUM A POSTERIOR DOA ESTIMATOR BASED ON GIBBS SAMPLING ([Abstract](#))



William Lim

* ***Organization :***

Laboratoire des Images et des Signaux (LIS), France

* ***Paper(s) :***



SPATIOTEMPORAL INFORMATION FUSION FOR HUMAN ACTION RECOGNITION IN VIDEOS ([Abstract](#))



Huei-Shan Lin

* ***Organization :***

National Taiwan University, Taiwan

* ***Paper(s) :***



MINIMUM-PHASE FIR FILTER DESIGN USING REAL CEPSTRUM ([Abstract](#))

Letter-L

Menu



Yuan-Pei Lin

* ***Organization :***

National Chiao-Tung University, Taiwan

* ***Paper(s) :***



DESIGN OF CHANNEL-RESILIENT DFT BANK TRANSCEIVERS ([Abstract](#))



Chih-Hao Liu

* ***Organization :***

National Taiwan University, Taiwan

* ***Paper(s) :***



DESIGN OF CHANNEL-RESILIENT DFT BANK TRANSCEIVERS ([Abstract](#))



Dake Liu

* ***Organization :***

Linköping University, Sweden

* ***Paper(s) :***



A PROGRAMMABLE SIMD-BASED MULTI-STANDARD RAKE RECEIVER ARCHITECTURE ([Abstract](#))

Letter-L

Menu



Wei M. Liu

* ***Organization :***

University of Wales Swansea, United Kingdom

* ***Paper(s) :***



ON THE FUNDAMENTAL LIMITATIONS OF SPECTRAL SUBTRACTION: AN ASSESSMENT BY
AUTOMATIC SPEECH RECOGNITION ([Abstract](#))



Xiuwen Liu

* ***Organization :***

Florida State University, United States

* ***Paper(s) :***



NON-PARAMETRIC INFORMATION GEOMETRY AND MULTI-SCALE MODELS OF TEXTURE ([Abstract](#))



Gregory Lo-Varco

* ***Organization :***

LIRMM, University of Montpellier, France

* ***Paper(s) :***



SAFE ROIS OF COLOR IMAGES BY INDUCTIVE DATA HIDING ([Abstract](#))



Elen Lobato

* ***Organization :***

Federal University of Santa Catarina, Brazil

* ***Paper(s) :***



STOCHASTIC MODELLING OF THE TRANSFORM DOMAIN EPSILON-LMS ALGORITHM FOR A TIME-VARYING ENVIRONMENT ([Abstract](#))



Zhiling Long

* ***Organization :***

Mississippi State University, United States

* ***Paper(s) :***



DENOISING OF IMAGES WITH MULTIPLICATIVE NOISE CORRUPTION ([Abstract](#))



Maciej Lopatka

* ***Organization :***

University of Paris XII and Wroclaw University of Technology, France

* ***Paper(s) :***



DETECTION AND TRACKING OF NON-STATIONARY TRANSIENT SIGNALS BASED ON THE INNOVATIONS FILTER ([Abstract](#))



Marcos Lopez-Caniego

* ***Organization :***

Instituto de Fisica de Cantabria, Spain

* ***Paper(s) :***

 LINEAR AND QUADRATIC FUSION OF IMAGES: DETECTION OF POINT SOURCES ([Abstract](#))

 THE MEXICAN HAT WAVELET FAMILY. APPLICATION TO POINT SOURCE DETECTION IN COSMIC MICROWAVE BACKGROUND ([Abstract](#))



Miguel Angel López–Carmona

* ***Organization :***

Universidad de Alcalá, Spain

* ***Paper(s) :***



EFFICIENT BIT ALLOCATION FOR HIGH QUALITY SUBBAND CODING USING NON-SELECTIVE FILTER BANKS UNDER QUANTIZATION NOISE CONSTRAINTS ([Abstract](#))



Francisco López-Ferreras

* *Organization :*

Universidad de Alcalá, Spain

* *Paper(s) :*



COMPLEXITY REDUCTION IN NEURAL NETWORKS APPLIED TO TRAFFIC SIGN RECOGNITION TASKS
([Abstract](#))



SENSITIVITY OF NEURAL NETWORKS WHICH APPROXIMATE THE NEYMAN-PEARSON DETECTOR TO THRESHOLD VARIATIONS ([Abstract](#))



Marco Lops

* ***Organization :***

University of Cassino, Italy

* ***Paper(s) :***

 BLIND DIFFERENTIAL SCHEMES FOR CDMA ON DISPERSIVE MIMO CHANNELS ([Abstract](#))

 DYNAMIC PROGRAMMING TECHNIQUES FOR SEQUENTIAL DETECTION AND TRACKING OF MOVING TARGETS IN RADAR SYSTEMS ([Abstract](#))



Yves Louet

* **Organization :**
SUPELEC, France

* **Paper(s) :**

 [POWER RATIO DEFINITIONS AND ANALYSIS IN SINGLE CARRIER MODULATIONS \(Abstract\)](#)

Letter-L

Menu



Jérôme Louradour

* ***Organization :***

IRIT – UPS, France

* ***Paper(s) :***



SVM SPEAKER VERIFICATION USING A NEW SEQUENCE KERNEL ([Abstract](#))

Letter-L

Menu



Henry Horn-Shing Lu

* ***Organization :***

National Chiao Tung University, Taiwan

* ***Paper(s) :***



GRIDDING THE SPOT CENTERS OF MICROARRAY IMAGES ([Abstract](#))



Yilong Lu

* ***Organization :***

Nanyang Technological University, Singapore

* ***Paper(s) :***

 [NULL-STEERING BEAMSPACE TRANSFORMATION DESIGN FOR ROBUST DATA REDUCTION](#)
([Abstract](#))

Letter-L

Menu



David Luengo

* ***Organization :***

Universidad Carlos III de Madrid, Spain

* ***Paper(s) :***



ASYMPTOTICALLY OPTIMAL MAXIMUM-LIKELIHOOD ESTIMATION OF A CLASS OF CHAOTIC SIGNALS USING THE VITERBI ALGORITHM ([Abstract](#))

Letter-L

Menu



Ka-Chun Lui

* ***Organization :***

The Hong Kong Polytechnic University, Hong Kong

* ***Paper(s) :***



A MULTISCALE COLOR QUANTIZATION ALGORITHM FOR PRODUCING SCALABLE MEDIA ([Abstract](#))

Letter-L

Menu



Marco Luise

* ***Organization :***

University of Pisa, Italy

* ***Paper(s) :***

 [OPTIMUM PULSE SHAPING FOR DELAY ESTIMATION IN SATELLITE POSITIONING \(Abstract\)](#)

Letter-L

Menu



Michael Lunglmayr

* ***Organization :***

University of Applied Sciences of Upper Austria Hagenberg, Austria

* ***Paper(s) :***



A LECTURE COURSE SERIES: FROM CONCEPT ENGINEERING TO IMPLEMENTATION OF SIGNAL PROCESSING ALGORITHMS WITH FPGAS ([Abstract](#))



Tzung-Hwui Luo

* ***Organization :***

National Taiwan University, Taiwan

* ***Paper(s) :***



DESIGN OF CHANNEL-RESILIENT DFT BANK TRANSCEIVERS ([Abstract](#))



Xuanwen Luo

* ***Organization :***

Wayne State University, United States

* ***Paper(s) :***



OPTIMAL FAULT-TOLERANT EVENT DETECTION IN WIRELESS SENSOR NETWORKS ([Abstract](#))



Kleoniki Lyroudia

* ***Organization :***

Aristotle University of Thessaloniki, Greece

* ***Paper(s) :***



AUTOMATED CLASSIFICATION OF FLUORESCENT IN SITU CASES ([Abstract](#))



Heinrich Wilhelm Löllmann

* ***Organization :***

IND, RWTH Aachen University, Germany

* ***Paper(s) :***



[EFFICIENT NON-UNIFORM FILTER-BANK EQUALIZER \(Abstract\)](#)