



V

Vacca, Fabrizio

Valls, Javier

Van der Tol, Sebastiaan

Van Dijk, Marten

Van Waterschoot, Toon

Vandergheynst, Pierre

Vary, Peter

Vehviläinen, Markku

Valbonesi, Lucia

Van Beneden, Steven

Van der Veen, Alle-Jan

Van Raad, Viara

Vandendorpe, Luc

Vansteenkiste, Ewout

Vasa, Libor

Venturino, Luca



V

Vera Candeas, Pedro

Verleysen, Michel

Ververidis, Dimitrios

Vía, Javier

Vieira, Michelle

Vielva, P.

Vila, Jose

Villette, Stephane

Verdoliva, Luisa

Vermaak, Jaco

Vespasiani, Aldo

Vicen–Bueno, Raúl

Vielva, Luis

Vigneron, Vincent

Vilaplana, Verónica

Virk, Kamran



V

Virtanen, Tuomas

Vladeanu, Calin

Vozel, Benoit

Vretos, Nicholas

Vural, Sadi

Värri, Alpo

Vlachos, Theo

Voloshynovskiy, Sviatoslav

Vrabie, Valeriu

Vrins, Frédéric

Välimäki, Vesa



Fabrizio Vacca

* ***Organization :***

Politecnico di Torino, Italy

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



A NOVEL, OPTIMIZED CORDIC CORE FOR PHASE CORRELATION MOTION ESTIMATION ([Abstract](#))



Lucia Valbonesi

* ***Organization :***

University of Illinois at Chicago, United States

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



LOW-COMPLEXITY METHOD FOR PAPR REDUCTION IN OFDM BASED ON FRAME EXPANSION
PARAMETER SELECTION ([Abstract](#))



Javier Valls

* ***Organization :***

Universidad Politecnica de Valencia, Spain

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



PERFORMANCE EVALUATION OF FINE TIME SYNCHRONIZERS FOR WLANS ([Abstract](#))



Steven Van Beneden

* ***Organization :***

Eindhoven University of Technology, Netherlands

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



DATA-AIDED TIMING RECOVERY IN THE PRESENCE OF DATA-DEPENDENT NOISE ([Abstract](#))



Sebastiaan Van der Tol

* ***Organization :***

Delft University of Technology, Netherlands

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



CALIBRATION OF A LARGE DISTRIBUTED LOW FREQUENCY RADIO ASTRONOMICAL ARRAY (LOFAR) ([Abstract](#))



Alle-Jan Van der Veen

* ***Organization :***

Delft University of Technology, Netherlands

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



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



CALIBRATION OF A LARGE DISTRIBUTED LOW FREQUENCY RADIO ASTRONOMICAL ARRAY (LOFAR) ([Abstract](#))



Marten Van Dijk

* ***Organization :***

Philips Research, Netherlands

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



SECURE BIOMETRICS ([Abstract](#))



Viara Van Raad

* ***Organization :***

STI – Medical Systems, United States

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



IMAGE ANALYSIS AND SEGMENTATION OF ANATOMICAL FEATURES OF CERVIX UTERI IN COLOR SPACE ([Abstract](#))



Toon Van Waterschoot

* *Organization :*

KULeuven/ESAT–SCD, Belgium

* *Paper(s) :*



ACOUSTIC FEEDBACK CANCELLATION FOR LONG ACOUSTIC PATHS USING A NONSTATIONARY SOURCE MODEL ([Abstract](#))



DOUBLE-TALK ROBUST ACOUSTIC ECHO CANCELLATION WITH CONTINUOUS NEAR-END ACTIVITY ([Abstract](#))



Luc Vandendorpe

* ***Organization :***

Université catholique de Louvain, Belgium

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



A FACTOR GRAPH APPROACH TO DESIGN CLOSE-TO-OPTIMAL RECEIVERS IN THE PRESENCE OF A TIMING UNCERTAINTY. ([Abstract](#))



BIT RATE COMPARISON BETWEEN MIMO CYCLICALLY PREFIXED SINGLE CARRIER AND MULTICARRIER TRANSMISSIONS ([Abstract](#))



Pierre Vandergheynst

* **Organization :**

EPFL, Switzerland

* **Paper(s) :**



MULTIRESOLUTION MOTION ESTIMATION FOR OMNIDIRECTIONAL IMAGES ([Abstract](#))



INTRA-ADAPTIVE MOTION-COMPENSATED LIFTED WAVELETS FOR VIDEO CODING ([Abstract](#))

Letter-V

Menu



Ewout Vansteenkiste

* ***Organization :***

Ghent University, Belgium

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



AN EVALUATION OF BRAIN TISSUE CLASSIFICATION IN NON-COMPENSATED ULTRASOUND IMAGES ([Abstract](#))

Letter-V

Menu



Peter Vary

* **Organization :**

RWTH Aachen University, Germany

* **Paper(s) :**



ITERATIVE SOURCE CODED MODULATION: EXIT CHARTS, COMPLEXITY COMPARISONS AND NEW INDEX ASSIGNMENTS ([Abstract](#))



NEW INSIGHTS INTO THE STATISTICAL SIGNAL MODEL AND THE PERFORMANCE BOUNDS OF ACOUSTIC ECHO CONTROL ([Abstract](#))



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

Letter-V

Menu



Libor Vasa

* *Organization :*

University of West Bohemia, Czech Republic

* *Paper(s) :*



IMPROVED SUPER-RESOLUTION METHOD AND ITS ACCELERATION ([Abstract](#))



Markku Vehviläinen

* ***Organization :***

Nokia Research Center, Finland

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



CONSTRAINT TRANSLATIONAL AND ROTATIONAL MOTION FILTERING FOR VIDEO STABILIZATION
([Abstract](#))



Luca Venturino

* ***Organization :***

University of Cassino, Italy

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



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

Letter-V

Menu



Pedro Vera Candéas

* ***Organization :***

University of Jaen, Spain

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



USING A SINES + WAVELETS MIXED DICTIONARY FOR IMPROVING MATCHING PURSUIT-BASED PARAMETRIC AUDIO CODING ([Abstract](#))



Luisa Verdoliva

* ***Organization :***

Università di Napoli – Federico II, Italy

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



AN UNSUPERVISED SEGMENTATION-BASED CODER FOR MULTISPECTRAL IMAGES ([Abstract](#))



Michel Verleysen

* ***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](#))



Jaco Vermaak

* ***Organization :***

University of Cambridge, United Kingdom

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



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

Letter-V

Menu



Dimitrios Ververidis

* ***Organization :***

Aristotle University of Thessaloniki, Greece

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



SEQUENTIAL FORWARD FEATURE SELECTION WITH LOW COMPUTATIONAL COST ([Abstract](#))



Aldo Vespasiani

* ***Organization :***

Selta Telematica S.p.A., Italy

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



JAVANETPHONE: A JAVA CLIENT FOR IP TELEPHONY APPLICATIONS IN AN MGCP FRAMEWORK
([Abstract](#))



Javier Vía

* ***Organization :***

University of Cantabria, Spain

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



CANONICAL CORRELATION ANALYSIS (CCA) ALGORITHMS FOR MULTIPLE DATA SETS:
APPLICATION TO BLIND SIMO EQUALIZATION ([Abstract](#))



Raúl Vicen–Bueno

* *Organization :*

Universidad de Alcalá, Spain

* *Paper(s) :*



IMPROVING ALIGNMENT OF NOISY SIGNALS USING AN ITERATIVE ZERO PHASE METHOD
([Abstract](#))



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



Michelle Vieira

* ***Organization :***

LIS Laboratoire des Images et des Signaux, France

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



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



Luis Vielva

* **Organization :**

Universidad de Cantabria, Spain

* **Paper(s) :**



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



P. Vielva

* **Organization :**

College de France, France

* **Paper(s) :**



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



Vincent Vigneron

* ***Organization :***

Laboratoire Systèmes Complexes, France

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



FAULT DETECTION TECHNIQUES ANALYSIS AND DEVELOPMENT OF ITS PROCEDURAL PHASES
([Abstract](#))



PERFORMING DIMENSIONALITY REDUCTION OF NONSTATIONARY STOCHASTIC PROCESSES
USING PERTURBATION ANALYSIS ([Abstract](#))

Letter-V

Menu



Jose Vila

* ***Organization :***

University of Geneva, Switzerland

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



[DATA-HIDING WITH PARTIALLY AVAILABLE SIDE INFORMATION \(Abstract\)](#)



Verónica Vilaplana

* ***Organization :***

Technical University of Catalonia (UPC), Spain

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



SUPPORT VECTOR DATA DESCRIPTION BASED ON PCA FEATURES FOR FACE DETECTION
([Abstract](#))

Letter-V

Menu



Stephane Villette

* ***Organization :***

University of Surrey, United Kingdom

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



REAL-TIME END-TO-END SECURE VOICE COMMUNICATIONS OVER GSM VOICE CHANNEL
([Abstract](#))

Letter-V

Menu



Kamran Virk

* **Organization :**

Lahore University of Management Sciences, Pakistan

* **Paper(s) :**



ARCHITECTURAL OPTIMIZATIONS FOR SOFTWARE-BASED MPEG4 VIDEO ENCODER ([Abstract](#))



A LOW COMPLEXITY MOTION ESTIMATION ALGORITHM FOR VIDEO CODING APPLICATIONS ([Abstract](#))

Letter-V

Menu



Tuomas Virtanen

* ***Organization :***

Tampere University of Technology, Finland

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

 DRUM TRANSCRIPTION WITH NON-NEGATIVE SPECTROGRAM FACTORISATION ([Abstract](#))

 SEPARATION OF DRUMS FROM POLYPHONIC MUSIC USING NON-NEGATIVE MATRIX FACTORIZATION AND SUPPORT VECTOR MACHINE ([Abstract](#))

 MODELING MUSICAL SOUNDS WITH AN INTERPOLATING STATE MODEL ([Abstract](#))



Theo Vlachos

* ***Organization :***

University of Surrey, United Kingdom

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



WAVELET DOMAIN IMAGE RESOLUTION ENHANCEMENT USING CYCLE SPINNING AND EDGE MODELLING ([Abstract](#))

Letter-V

Menu



Calin Vladeanu

* ***Organization :***

"Politehnica" University of Bucharest, Romania

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



OPTIMUM CHAOTIC QUANTIZED SEQUENCES FOR ASYNCHRONOUS DS-CDMA SYSTEM
([Abstract](#))







Sviatoslav Voloshynovskiy

* *Organization :*

University of Geneva, Switzerland

* *Paper(s) :*

-  THE GAUSSIAN TRANSFORM ([Abstract](#))
-  DENOISING WITH INFINITE MIXTURE OF GAUSSIANS ([Abstract](#))
-  ACHIEVABLE RATE ANALYSIS OF GEOMETRICALLY ROBUST DATA-HIDING CODES IN ASYMPTOTIC SET-UPS ([Abstract](#))
-  DATA-HIDING WITH PARTIALLY AVAILABLE SIDE INFORMATION ([Abstract](#))



Benoit Vozel

* ***Organization :***

IETR–University of Rennes I, France

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



UNSUPERVISED VARIATIONAL CLASSIFICATION THROUGH IMAGE MULTI-THRESHOLDING
([Abstract](#))

Letter–V

Menu



Valeriu Vrabie

* **Organization :**

CRESTIC, France

* **Paper(s) :**



ABOUT IMPORTANCE OF POSITIVITY CONSTRAINT FOR SOURCE SEPARATION IN FLUORESCENCE SPECTROSCOPY ([Abstract](#))



Nicholas Vretos

* ***Organization :***

Aristotle University of Thessaloniki, Greece

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



AN ANTHROPOCENTRIC DESCRIPTION SCHEME FOR MOVIES CONTENT CLASSIFICATION AND INDEXING ([Abstract](#))

Letter-V

Menu



Frédéric Vrins

* ***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](#))



Sadi Vural

* ***Organization :***

Ritsumeikan University, Japan

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



VIDEO WATERMARKING FOR DIGITAL CINEMA CONTENTS ([Abstract](#))

Letter-V

Menu



Vesa Välimäki

* ***Organization :***

Helsinki University of Technology, Finland

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



ARTIFICIAL REVERBERATION USING A HYPER-DIMENSIONAL FDTD MESH ([Abstract](#))

Letter-V

Menu



Alpo Värri

* *Organization :*

Tampere University of Technology, Finland

* *Paper(s) :*



BALLISTOCARDIOGRAM DIAGNOSIS USING NEURAL NETWORKS AND SHIFT-INVARIANT DAUBECHIES WAVELET TRANSFORM ([Abstract](#))