



R

Rabaste, Olivier

Rabie, H. R.

Raimondo, Francesco

Rajagopalan, Ruben

Ramadge, Peter

Ramchandran, Kannan

Ramos, Antonio

Rangarao, Muralishankar

Rabenstein, Rudolf

Raggio, Marco

Raj, Bhiksha

Rajih, Myriam

Ramasso, Emmanuel

Ramon, Valéry

Rampa, Vittorio

Rankine, Luke



R

Rashdi, Adnan

Ravier, Philippe

Reilly, Jim

Rey Vega, Leonardo

Ribaric, Slobodan

Richiardi, Jonas

Ries, Sigmar

Rittermann, Marco

Raulet, Mickael

Razavi-Ghods, Nima

Rey, Hernán

Riani, Jamal

Richardson, Iain

Rickard, Scott

Rimac-Drlje, Snjeana

Robelly, Pablo



R

Rodrigues, José Marconi

Rodriguez–Guisantes, Jorge

Rombouts, Geert

Rosa–Zurera, Manuel

Rosenberger, Christophe

Rostami–Ravari, Arastoo

Rouse, David M.

Rudolph, Heiko

Rodriguez–Doncel, Victor

Rombaut, Michele

Ronzhin, Andrey

Rosec, Olivier

Ross, Arun

Roueff, Francois

Roviras, Daniel

Rugini, Luca



R

Ruiz, Diego Pablo

Rupp, Markus

Rusu, Corneliu

Ruiz Reyes, Nicolas

Rus, Carol



Olivier Rabaste

* ***Organization :***

ENST Bretagne, France

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



MULTIPATH CHANNEL ESTIMATION VIA THE MPM ALGORITHM ([Abstract](#))

Letter-R

Menu



Rudolf Rabenstein

* ***Organization :***

University of Erlangen–Nuremberg, Germany

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



TENSION MODULATED NONLINEAR 2D MODELS FOR DIGITAL SOUND SYNTHESIS WITH THE FUNCTIONAL TRANSFORMATION METHOD ([Abstract](#))

Letter–R

Menu



H. R. Rabie

* ***Organization :***

Sharif University of Technology (AICTC), Iran

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



A QUANTIZATION NOISE ROBUST SHAPE PREDICTION ALGORITHM ([Abstract](#))



Marco Raggio

* ***Organization :***

University of Genova, Italy

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



SEARCH WINDOW ESTIMATION ALGORITHM FOR FAST AND EFFICIENT H.264 VIDEO CODING WITH VARIABLE SIZE BLOCK CONFIGURATION ([Abstract](#))



Francesco Raimondo

* ***Organization :***

Aristotle University of Thessaloniki, Greece

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



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

Letter-R

Menu



Bhiksha Raj

* ***Organization :***

Mitsubishi Electric Research Labs, United States

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



FEATURE COMPENSATION WITH SECONDARY SENSOR MEASUREMENTS FOR ROBUST SPEECH RECOGNITION ([Abstract](#))

Letter-R

Menu



Ruben Rajagopalan

* ***Organization :***

Technical University Hamburg–Harburg, Germany

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



MODEL-FREE FACE DETECTION AND HEAD TRACKING WITH MORPHOLOGICAL HOLE MAPPING
([Abstract](#))

Letter–R

Menu



Myriam Rajih

* ***Organization :***

I3S – UNSA/CNRS, France

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

 [ENHANCED LINE SEARCH : A NOVEL METHOD TO ACCELERATE PARAFAC \(Abstract\)](#)



Peter Ramadge

* ***Organization :***

Princeton University, United States

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



GRAPH-THEORETIC IMAGE REGISTRATION USING PRIOR EXAMPLES ([Abstract](#))



Emmanuel Ramasso

* ***Organization :***

Laboratoire des Images et des Signaux (LIS), France

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



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

Letter-R

Menu



Kannan Ramchandran

* *Organization :*

UC Berkeley, United States

* *Paper(s) :*



IMAGE COMPRESSION IN A MULTI-CAMERA SYSTEM BASED ON A DISTRIBUTED SOURCE CODING APPROACH ([Abstract](#))



ON BLIND COMPRESSION OF ENCRYPTED DATA APPROACHING THE SOURCE ([Abstract](#))



Valéry Ramon

* **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](#))

Letter-R

Menu



Antonio Ramos

* **Organization :**
IME, Brazil

* **Paper(s) :**



A GENERAL APPROACH TO THE DERIVATION OF BLOCK MULTICHANNEL FAST QRD-RLS ALGORITHMS ([Abstract](#))

Letter-R

Menu



Vittorio Rampa

* ***Organization :***

Politecnico di Milano, Italy

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



HMM-BASED TRACKING OF MOVING TERMINALS IN DENSE MULTIPATH INDOOR ENVIRONMENTS
([Abstract](#))



Muralishankar Rangarao

* ***Organization :***

INRS-EMT (Telecommunications), University of Quebec, Canada

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



WARPED DISCRETE COSINE TRANSFORM CEPSTRUM: A NEW FEATURE FOR SPEECH PROCESSING ([Abstract](#))

Letter-R

Menu



Luke Rankine

* **Organization :**

QUT, Australia

* **Paper(s) :**



A QUANTITATIVE COMPARISON OF NON-PARAMETRIC TIME-FREQUENCY REPRESENTATIONS
([Abstract](#))



IMPROVING THE ABILITY OF MATCHING PURSUIT ALGORITHM IN DETECTING SPIKES ([Abstract](#))



COMPARATIVE PERFORMANCE OF TIME--FREQUENCY BASED EEG SPIKE DETECTION
TECHNIQUES ([Abstract](#))

Letter-R

Menu



Adnan Rashdi

* ***Organization :***

University of Engineering & Technology Lahore, Pakistan

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



DISTRIBUTED AND CENTRALIZED POWER CONTROL ALGORITHMS FOR VERY HIGH SPEED DIGITAL SUBSCRIBER LINES (VDSL) UPSTREAM TRANSMISSION ([Abstract](#))

Letter-R

Menu



Mickael Raulet

* ***Organization :***

Mitsubishi Electric ITE, France

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



SYNDEX EXECUTIVE KERNELS FOR FAST DEVELOPMENT OF APPLICATIONS OVER HETEROGENEOUS ARCHITECTURES ([Abstract](#))

Letter-R

Menu



Philippe Ravier

* ***Organization :***

LESI Polytech'Orleans, France

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



ROBUST MEAN ESTIMATION FOR REAL-TIME BLANKING IN RADIOASTRONOMY ([Abstract](#))

Letter-R

Menu



Nima Razavi-Ghods

* ***Organization :***

Durham University, United Kingdom

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



SOUNDERS FOR MIMO CHANNEL MEASUREMENTS ([Abstract](#))

Letter-R

Menu



Jim Reilly

* ***Organization :***

McMaster University, Canada

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



MARGINALIZED PARTICLE FILTERING FOR BLIND SYSTEM IDENTIFICATION ([Abstract](#))

Letter-R

Menu



Hernán Rey

* ***Organization :***

Universidad de Buenos Aires, Argentina

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



SET THEORETIC ADAPTIVE FILTERING: USING PERIODOGRAM AND PROJECTIONS ONTO CONVEX SETS. ([Abstract](#))

Letter-R

Menu



Leonardo Rey Vega

* ***Organization :***

Universidad de Buenos Aires, Argentina

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



SET THEORETIC ADAPTIVE FILTERING: USING PERIODOGRAM AND PROJECTIONS ONTO CONVEX SETS. ([Abstract](#))



Jamal Riani

* ***Organization :***

Eindhoven University of Technology, Netherlands

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



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

Letter-R

Menu



Slobodan Ribaric

* ***Organization :***

University of Zagreb, Croatia

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



AN ONLINE BIOMETRIC AUTHENTICATION SYSTEM BASED ON EIGENFINGERS AND FINGER-GEOMETRY ([Abstract](#))

Letter-R

Menu



Iain Richardson

* ***Organization :***

The Robert Gordon University, United Kingdom

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



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

Letter-R

Menu



Jonas Richiardi

* ***Organization :***

EPFL, Switzerland

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



ERROR HANDLING IN MULTIMODAL BIOMETRIC SYSTEMS USING RELIABILITY MEASURES
([Abstract](#))

Letter-R

Menu



Scott Rickard

* ***Organization :***

University College Dublin, Ireland

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



HISTOGRAM-BASED BLIND SOURCE SEPARATION OF MORE SOURCES THAN SENSORS USING A DUET-ESPRIT TECHNIQUE ([Abstract](#))

Letter-R

Menu



Sigmar Ries

* ***Organization :***

Fachhochschule Südwestfalen, Germany

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



HIGHLIGHTS OF UWB IMPULSE BEAMFORMING ([Abstract](#))

Letter-R

Menu



Snje ana Rimac–Drlje

* ***Organization :***

University of Osijek, Croatia

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



SELF-LEARNING SYSTEM FOR SURFACE FAILURE DETECTION ([Abstract](#))



Marco Rittermann

* ***Organization :***

Technische Universität Ilmenau, Germany

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



3D VIDEO OBJECTS AT SCALABLE LEVELS OF QUALITY ([Abstract](#))

Letter-R

Menu



Pablo Robelly

* ***Organization :***

Technische Universitaet Dresden, Germany

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



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



José Marconi Rodrigues

* ***Organization :***

LIRMM, University of Montpellier, France

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



CRYPTO-COMPRESSION OF MEDICAL IMAGES BY SELECTIVE ENCRYPTION OF DCT ([Abstract](#))



Victor Rodriguez-Doncel

* ***Organization :***

Aristotle University of Thessaloniki, Greece

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



WATERMARKING POLYGONAL LINES USING AN OPTIMAL DETECTOR ON THE FOURIER DESCRIPTORS DOMAIN ([Abstract](#))

Letter-R

Menu



Jorge Rodriguez-Guisantes

* ***Organization :***

Ecole Nationale Supérieure des Telecommunications, France

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



LATTICE DECODING OF LAYERED VERTICAL SPACE-TIME CODES ([Abstract](#))



Michele Rombaut

* ***Organization :***

Laboratoire des Images et des Signaux (LIS), France

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

 VIDEO CLASSIFICATION BASED ON LOW-LEVEL FEATURE FUSION MODEL ([Abstract](#))

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



Geert Rombouts

* ***Organization :***

KULeuven/ESAT-SCD, Belgium

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



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

Letter-R

Menu



Andrey Ronzhin

*** Organization :**

St. Petersburg Institute for Informatics and Automation of the Russian Academy of Sciences (SPIIRAS), Russian Federation

*** Paper(s) :**



MULTIMODAL SYSTEM FOR HANDS-FREE PC CONTROL ([Abstract](#))



ASSISTIVE MULTIMODAL SYSTEM BASED ON SPEECH RECOGNITION AND HEAD TRACKING ([Abstract](#))



Manuel Rosa–Zurera

* *Organization :*

University of Alcalá, Spain

* *Paper(s) :*



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



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



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



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



Olivier Rosec

* ***Organization :***

France Telecom, France

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



BRANDT'S GLR METHOD AND REFINED HMM SEGMENTATION FOR TTS SYNTHESIS APPLICATION
([Abstract](#))

Letter-R

Menu



Christophe Rosenberger

* **Organization :**
LVR, France

* **Paper(s) :**

 SEGMENTATION EVALUATION BY FUSION WITH A GENETIC ALGORITHM ([Abstract](#))

 EVALUATION OF THE QUALITY OF ULTRASOUND IMAGE COMPRESSION BY FUSION OF CRITERIA WITH A SUPPORT VECTOR MACHINE ([Abstract](#))

 ROBUST COLOR OBJECT DETECTION AND RECOGNITION ([Abstract](#))



Arun Ross

* ***Organization :***

West Virginia University, United States

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



SYNTHESIS OF IRIS IMAGES USING MARKOV RANDOM FIELDS ([Abstract](#))



BIOMETRIC TEMPLATE SECURITY: CHALLENGES AND SOLUTIONS ([Abstract](#))

Letter-R

Menu



Arastoo Rostami–Ravari

* ***Organization :***

Universiti Putra Malaysia, Malaysia

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



GEOMETRICALLY–BASED SPACE–TIME DETERMINISTIC MULTIPATH FADING CHANNEL MODEL WITH APPLICATION TO SPATIAL CORRELATION VERIFICATION OF MULTI–ANTENNA SYSTEMS
([Abstract](#))



Francois Roueff

* ***Organization :***

TSI – ENST, France

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

 [A GEOMETRICAL A PRIORI FOR CAPTURING THE REGULARITY OF IMAGES \(Abstract\)](#)

Letter-R

Menu



David M. Rouse

* ***Organization :***

North Carolina State University, United States

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

 [REDUCING NON-ZERO COEFFICIENTS IN FIR FILTER DESIGN USING POCS \(Abstract\)](#)



Daniel Roviras

* ***Organization :***

ENSEEIHT/TeSA, France

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



MULTIPATH EFFECT MITIGATION IN LPTV-BASED MULTIPLE ACCESS SYSTEM ([Abstract](#))



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

Letter-R

Menu



Heiko Rudolph

* ***Organization :***

Royal Melbourne Institute of Technology, Australia

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



AUDITORY EYES: REPRESENTING VISUAL INFORMATION IN SOUND AND TACTILE CUES ([Abstract](#))

Letter-R

Menu



Luca Rugini

* ***Organization :***

University of Perugia – DIEI, Italy

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



WINDOWING TECHNIQUES FOR ICI MITIGATION IN MULTICARRIER SYSTEMS ([Abstract](#))



Diego Pablo Ruiz

* ***Organization :***

University of Granada, Spain

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



ICA IN SIGNALS WITH MULTIPLICATIVE NOISE USING FOURTH-ORDER STATISTIC ([Abstract](#))



CUBIC PHASE COUPLING ESTIMATION VIA TRISPECTRUM AUTORREGRESIVE MODELLING
([Abstract](#))



Nicolas Ruiz Reyes

* ***Organization :***

University of Jaen, Spain

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



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



Markus Rupp

* ***Organization :***

Vienna University of Technology, Austria

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



A FAST ALGORITHM FOR DIGITAL PRE-DISTORTION OF NONLINEAR POWER AMPLIFIERS
([Abstract](#))



A FLEXIBLE MIMO TESTBED WITH REMOTE ACCESS ([Abstract](#))



QUASI-ORTHOGONAL SPACE TIME CODES: APPROACHING OPTIMALITY ([Abstract](#))

Letter-R

Menu



Carol Rus

* ***Organization :***

Tampere University of Technology, Finland

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



FROM A PHYSICAL SCANNED MAP TO A DIGITAL ELEVATION MODEL USING THE LEGEND AND KRIGING ([Abstract](#))

Letter-R

Menu



Corneliu Rusu

* ***Organization :***

Tampere University of Technology, Finland

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



FROM A PHYSICAL SCANNED MAP TO A DIGITAL ELEVATION MODEL USING THE LEGEND AND KRIGING ([Abstract](#))



ON CONVEX VARIABLE STEP-SIZE ALGORITHM IMPLEMENTATION ([Abstract](#))