2013 IEEE International Conference on Image Processing

(ICIP 2013)

Melbourne, Australia
15-18 September 2013

Pages 1-746

IEEE Catalog Number: CFP13CIP-POD
ISBN: 978-1-4799-2342-7

TABLE OF CONTENTS

MA-L1: SENSING AND ACQUISITION

MA-L2: IMAGE DENOISING

MA-L3: INVERSE PROBLEMS AND COMPRESSIVE SENSING

MA-L4: CLASSIFICATION I

MA-L5: VISUAL OBJECT TRACKING

MA-L6: SCENE ANALYSIS I

MA-L7: STEGANOGRAPHY, WATERMARKING, AND SECURITY APPLICATIONS

MA-S: IMAGE PROCESSING AND PATTERN RECOGNITION FOR ECOLOGICAL APPLICATIONS

MA-PA: VISUAL ATTENTION AND SALIENCY

MA-PB: INTERPOLATION, FILTER BANKS AND HIERARCHICAL PROCESSING

MA-PC: 3D VIDEO CODING

MA-PD: 3D IMAGE PROCESSING AND CAMERA CALIBRATION

MA-PE: IMAGE ANALYSIS

MA-PF: OBJECT RECOGNITION & CLASSIFICATION

MA-PG: RENDERING AND SYNTHESIS OF IMAGE AND VIDEO

MP-L1: VIDEO QUALITY ASSESSMENT

MP-L2: FILTERING, REGRESSION AND PDES I

MP-L3: HEVC I

MP-L4: MULTISPECTRAL AND HYPERSPECTRAL IMAGING

MP-L5: MOTION AND CHANGE DETECTION

MP-L6: SHAPE AND POSE ESTIMATION

MP-L7: ADVANCED IMAGE ANNOTATION AND RETRIEVAL

MP-L8: IMAGE AND VIDEO ENHANCEMENT

MP-PA: SCENE SENSING, CHARACTERISATION AND ANALYSIS

MP-PB: RESTORATION AND ENHANCEMENT I

MP-PC: IMAGE AND VIDEO CODING & COMMUNICATION I

MP-PD: CLASSIFICATION II

MP-PE: OBJECT SEGMENTATION AND RECOGNITION

MP-PF: OBJECT RECOGNITION AND CLASSIFICATION I

MP-PG: SCENE ANALYSIS II

MP-PH: WATERMARKING, FORENSICS, AND HASHING

TA-L1: DECONVOLUTION AND DEBLURRING

TA-L2: BIOMEDICAL IMAGE ANALYSIS I

TA-L3: ERROR RESILIENT VIDEO TRANSMISSION

TA-L4: INVERSE PROBLEMS IN BIOMEDICAL IMAGING

TA-L5: CLASSIFICATION III

TA-L6: OBJECT TRACKING AND RECOGNITION

TA-L7: MULTIMEDIA CLASSIFICATION AND RETRIEVAL I

TA-S: VIDEO COMPRESSION AND ITS IEEE STANDARDISATION

TA-PA: MODELLING AND RECONSTRUCTION

TA-PB: INTERPOLATION, SUPER-RESOLUTION AND FACE HALLUCINATION

TA-PC: RESTORATION, RECONSTRUCTION AND COMPRESSIVE SENSING

TA-PD: STEREOSCOPIC, MULTIVIEW AND 3D IMAGE PROCESSING I

TA-PE: FEATURES AND SHAPE

TA-PF: VIDEO SURVEILLANCE

TA-PG: ESTIMATION AND RECOGNITION OF POSE, SHAPE AND MOTION

TA-PH: FACE AND GESTURE RECOGNITION AND TRACKING

TP-L1: STATISTICAL MODELS AND REGULARISATION

TP-L2: INTERPOLATION AND SUPER-RESOLUTION

TP-L3: SEGMENTATION AND ESTIMATION IN BIOMEDICAL IMAGING

TP-L4: STEREOSCOPIC, MULTIVIEW AND 3D IMAGE PROCESSING II

TP-L5: SEGMENTATION I

TP-L6: OBJECT RECOGNITION AND CLASSIFICATION II

TP-L7: BIOMETRICS I

TP-L8: MULTIMEDIA FORENSICS AND APPLICATIONS

TP-PA: RESTORATION AND ENHANCEMENT II

TP-PB: BIOMEDICAL IMAGE ANALYSIS II

TP-PC: IMAGE AND VIDEO CODING & COMMUNICATION II

TP-PD: RADAR, REMOTE-SENSING AND GEOPHYSICAL IMAGING

TP-PE: CLASSIFICATION IV

TP-PF: MOTION ESTIMATION, CHANGE DETECTION AND TRACKING

TP-PG: OBJECT DETECTION & TRACKING

TP-PH: MULTIMEDIA ANALYSIS AND RETRIEVAL I

WA-L1: PERCEPTUAL ASSESSMENT, MODELLING AND PROCESSING

WA-L2: RESTORATION AND RECONSTRUCTION

WA-L3: REGISTRATION AND CLASSIFICATION IN BIOMEDICAL IMAGING

WA-L4: LOSSLESS AND PREDICTIVE CODING

WA-L5: VIDEO SURVEILLANCE AND HUMAN DETECTION/TRACKING

WA-L6: OBJECT RECOGNITION AND CLASSIFICATION III

WA-L7: MULTIMEDIA CLASSIFICATION AND RETRIEVAL II

WA-S: PROGRESS IN IMPLANTABLE PROSTHETIC VISION AND THE ROLE OF VISION PROCESSING

WA-PA: FILTERING, REGRESSION AND PDES II

WA-PB: REGISTRATION, FUSION AND MOSAICING

WA-PC: VIDEO CODING

WA-PD: ELECTRONIC IMAGING

WA-PE: SEGMENTATION II

WA-PF: APPLICATIONS OF DETECTION AND TRACKING

WA-PG: BIOMETRICS II

WA-PH: MULTIMEDIA ENCRYPTION AND APPLICATIONS

WP-L1: SPARSE REPRESENTATIONS AND REGULARISATION

WP-L2: REGISTRATION AND FUSION

WP-L3: IMAGE CODING

WP-L4: HARDWARE FOR IMAGE PROCESSING

WP-L5: LOCAL FEATURES

WP-L6: OBJECT DETECTION AND TRACKING

WP-L7: FACIAL BIOMETRICS

WP-PA: IMAGE QUALITY ASSESSMENT

WP-PB: RESTORATION AND ENHANCEMENT III

WP-PC: BIOMEDICAL IMAGE ANALYSIS III

WP-PD: HEVC II

WP-PE: SEGMENTATION III

WP-PF: OBJECT RECOGNITION AND CLASSIFICATION IV

WP-PG: MULTIMEDIA ANALYSIS AND RETRIEVAL II