

# EDICS for the IEEE Transactions on Image Processing

## MOD IMAGE AND VIDEO MODELING

*MOD-PERC* Perceptual/human visual system  
*MOD-SRCE* Source modeling  
*MOD-MRPH* Binary and morphological image modeling  
*MOD-NOIS* Noise modeling  
*MOD-FUSN* Data fusion  
*MOD-OTHR* Other

## FLT IMAGE AND VIDEO FILTERING

*FLT-LFLT* Linear filtering  
*FLT-MRPH* Rank and morphological filtering techniques  
*FLT-PDEQ* Partial differential equations  
*FLT-OTHR* Other

## MRP IMAGE AND VIDEO MULTIREOLUTION PROCESSING

*MRP-WAVL* Wavelets  
*MRP-FBNK* Filter banks  
*MRP-SCSP* Scale-space  
*MRP-OTHR* Other

## SEG IMAGE AND VIDEO SEGMENTATION

*SEG-EDGC* Edge or color segmentation  
*SEG-TEXT* Texture segmentation  
*SEG-ACLS* Active-contour and level-set-based methods  
*SEG-MRPH* Morphological-based methods  
*SEG-CLST* Clustering-based methods  
*SEG-MDFT* Model-fitting-based methods  
*SEG-STAT* Statistical methods  
*SEG-STAT* Video object segmentation and tracking  
*SEG-VDOB* Video shot/scene segmentation  
*SEG-VDSH* Video shot/scene segmentation  
*SEG-OTHR* Other

## RST IMAGE AND VIDEO RESTORATION AND ENHANCEMENT

*RST-CNTR* Contrast enhancement  
*RST-DBLR* Deblurring  
*RST-DNOI* Denoising  
*RST-CMPR* Compression artifacts removal  
*RST-MLFR* Multiframe image restoration  
*RST-OTHR* Other

## COD IMAGE AND VIDEO CODING

*COD-LSYI* Lossy image coding  
*COD-LSSI* Lossless image coding  
*COD-STNI* Image compression standards  
*COD-DCTV* DCT-based video coding  
*COD-WAVV* Wavelet-based video coding  
*COD-MODV* Model-based video coding  
*COD-OBJV* Object-based video coding  
*COD-SCAL* Scalability  
*COD-TRNS* Transcoding  
*COD-TRNS* Video compression standards  
*COD-STNV* Distributed Source Coding  
*COD-DSSC* Distributed Source Coding  
*COD-OTHR* Other

## SRE IMAGE AND VIDEO STORAGE AND RETRIEVAL

*SRE-LOWR* Low-level indexing and retrieval of images  
*SRE-SEMR* Semantic indexing and retrieval of images  
*SRE-FDBR* Relevance feedback and interactive retrieval  
*SRE-BRWS* Browsing and navigation  
*SRE-PRSV* Video parsing/shot detection  
*SRE-EXTR* Video features extraction for retrieval  
*SRE-CONT* Content summarization and editing  
*SRE-EVNT* Video event detection  
*SRE-MLRN* Machine learning for image and video classification  
*SRE-OTHR* Other

## SDP IMAGE SCANNING, DISPLAY AND PRINTING

*SDP-SCAN* Scanning and Sampling  
*SDP-QUAN* Quantization and Half-toning  
*SDP-COLR* Color Reproduction  
*SDP-IREP* Image Representation and Rendering  
*SDP-DISP* Display and Printing Systems  
*SDP-QUAL* Image Quality Assessment  
*SDP-OTHR* Other

## COL COLOR AND MULTISPECTRAL PROCESSING

*COL-COLR* Color processing  
*COL-MULT* Multispectral processing  
*COL-HYPR* Hyperspectral processing  
*COL-OTHR* Other

## ISR INTERPOLATION AND SUPER-RESOLUTION

*ISR-INTR* Interpolation  
*ISR-SUPR* Super-resolution  
*ISR-MOSC* Mosaicing  
*ISR-RGST* Registration/alignment  
*ISR-OTHR* Other

## MDE MOTION DETECTION AND ESTIMATION

*MDE-BLCK* Block matching  
*MDE-OPFL* Optical flow  
*MDE-TRNS* Transform based approaches  
*MDE-PARA* Parametric models for motion estimation  
*MDE-CHNG* Change detection  
*MDE-OTHR* Other

## STE STEREOSCOPIC AND 3-D PROCESSING

*STE-STIP* Stereo image processing  
*STE-3DMD* 3-D modeling and synthesis  
*STE-CAMR* Camera calibration  
*STE-STCD* Stereoscopic and 3-D Coding  
*STE-OTHR* Other

## COM IMAGE AND VIDEO COMMUNICATIONS

*COM-SOUR* Source/channel coding  
*COM-NETW* Networking  
*COM-ERRO* Error resilience/concealment  
*COM-STRM* Video streaming  
*COM-CONT* Content adaptation  
*COM-OTHR* Other

## BMI BIOMEDICAL IMAGING

*BMI-SUPR* Super-acoustic imaging  
*BMI-TOMO* Tomography  
*BMI-NUXR* Radionuclide and x-ray imaging  
*BMI-MRIM* Magnetic resonance imaging  
*BMI-SEGM* Biomedical image segmentation and quantitative analysis  
*BMI-COMP* Computer assisted screening and diagnosis  
*BMI-VISU* Visualization of biomedical data  
*BMI-CMPR* Biomedical image compression  
*BMI-REGS* Biomedical image registration and fusion  
*BMI-MOLC* Molecular and cellular bioimaging  
*BMI-OTHR* Other

## GEO GEOSCIENCES AND REMOTE SENSING

*GEO-SENS* Remote Sensing Imaging  
*GEO-RADR* Radar imaging  
*GEO-ACOU* Acoustic imaging  
*GEO-RADI* Radio astronomy and speckle imaging  
*GEO-INFR* Infrared imaging  
*GEO-MULT* Multispectral/hyperspectral imaging  
*GEO-GEOS* Geophysical and seismic imaging  
*GEO-OTHR* Other

## HDW IMPLEMENTATION OF IMAGE AND VIDEO PROCESSING SYSTEMS

*HDW-DSGN* Hardware and software co-design  
*HDW-EMBD* Embedded and real-time systems  
*HDW-PARL* Paralleled and distributed systems  
*HDW-OTHR* Other

## OTH OTHER AREAS AND APPLICATIONS

*OTH-OPTI* Optical imaging  
*OTH-SYNT* Synthetic-natural hybrid image systems  
*OTH-DOCU* Document image processing and analysis  
*OTH-DSTR* Distributed image processing  
*OTH-SURV* Video surveillance  
*OTH-RCGN* Object recognition  
*OTH-MAPP* Multimedia applications  
*OTH-OTHR* Other

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