

Paper presentation

Date	Track 1			Track 2	
	Time	Paper ID	Title	Paper ID	Title
20/12/2018	2:30 PM to 2:45 PM	9	Convolutional Neural Network for Texture Based Thyroid Ultrasound Segmentation and Classification	7	Towards acoustic emission and ultrasound integration for needle guidance in minimally invasive procedures
	2:45 PM to 3:00 PM	71	Real Time Monitoring and Analysis of Maternal and Fetal Health	81	Real Time Diabetic Foot Pressure Measurement
	3:00 PM to 3:15 PM	5	Visualization of Diffusion Tensor Imaging (DTI) for Schizophrenia Diagnosis	20	Augmented Reality in the Surgical Suite: An Application for ENT Endoscopic Surgery
	3:15 PM to 3:30 PM	85	Design and development of wearable maternal physiological monitoring system	67	An Epileptic Seizure Classification Framework Based on Synchrosqueezed Wavelet Transform
	3:30 PM to 3:45 PM	52	Electrospun silk mat for corneal tissue engineering	86	Convolutional Neural Network (CNN) based Classification of Breast Thermograms
	3:45 PM to 4:00 PM	24	Artifact Reduction in CT images by Distance Based Weighted Averaging and Detail Emphasis Filters	34	Development of an Affordable Myoelectric Prosthetic Hand
	4:00 PM to 4:15 PM	43	An Improved Active Noise Controller for Biomedical Applications	35	Performance Optimized Approach for Automatic Fiducial Segmentation in Medical Imaging to Assist Robot-guided Neurosurgery
	4:15 PM to 4:30 PM	59	Detection of Fracture in Bones	54	Visualization of Diffusion Tensor Imaging (DTI) For Brain Tumor Diagnosis
21/12/2018	2:00 PM to 2:15 PM	21	A dedicated RFID chip registration system for the management of radiation protection wear	83	Classification of epileptic seizures using DWT based features and SVM classifier
	2:15 PM to 2:30 PM	74	Identification and Classification of Stress using Heart Rate Variability and Pulse Rate Variability	75	Identification of Asymmetry in Breast Thermograms Through Nipple Asymmetry
	2:30 PM to 2:45 PM	87	To demarcate the sleep patterns in yoga and non-yoga practitioners	46	MAGIC GLOVE
	2:45 PM to 3:00 PM	30	Assessment of Lumbar Muscle Activations During Core Strength Exercises	48	CNN-RCN Approach for Spatio-Temporal Activity Recognition using Smartphone Sensor Data
	3:00 PM to 3:15 PM	27	Proximal Femoral Locking Plate (PFLP): The effect of interface conditions on implant-induced stress shielding	22	Approaches for improved patient safety: Catheter based gas bubble removal during TURBT
	3:15 PM to 3:30 PM	80	Wirelessly Interfaced CPAP With Mask off Alert	73	Breast Cancer Detection Using Multi-lateral Oblique (MLO) views of Digital Mammograms
	3:30 PM to 3:45 PM	78	Automated Detection of Breast Cancer Lesion from Cranial-Caudal (CC) Views of Mammogram	77	Segmentation and Pseudo-color image processing of retinal layers in OCT images
	3:45 PM to 4:00 PM	47	An Artificial Intelligence based mobile solution for early detection of valvular heart diseases	51	An empirical evaluation of alpha-gamma and theta-gamma phase amplitude coupling for elucidating short-term memory retrieval using high-density EEG

Poster presentation

Sl. No.	Paper ID	Title
1	14	Identifying Biomarkers using Time Series Gene Expression Data for breast cancer
2	16	Sign Language Alphabet recognizer
3	18	Heart Disease Mortality Rate Prediction using Decision Trees Regression
4	32	Self-Levelling Device: A Drug Free Solution for Hand Tremors
5	53	Smart Wallet Unlocking Mechanism Using Gesture Controlled Recognition
6	58	Facial Expression Recognition using Support Vector Machine For Automatic Processing
7	68	Time-Frequency-Phase Feature extraction by DTCWT for Two-class Motor imagery EEG
8	72	Feasibility Study On Near Infrared Imaging for Vein Imaging
9	76	Analysis of virtual reality gaming on heart rate
10	79	Acoustic Analysis of Infant Cry Signals For the Classification of Different Reasons for Cry
11	82	Comparative Studies of EEG And PPG for The Assessment of Meditators and Non-Meditators
12	84	Automatic Classification of Breast Thermograms – A Prospective Study
13	88	To Develop a Software for The Analysis of Thermal Images using Matlab and Labview
19	89	Pitch Detection Test for the assessment of the auditory perception of sound in musicians