IMPORTANT: Follow Central European Time (CET) Zone

The 4th International Conference on Recent Trends in Image Processing & Pattern Recognition (RTIP2R)
December 8-10, 2021, University of Malta, Msida, Malta

… in collaboration with PAMI Research Lab, Computer Science, USD (USA) & Central Univ. of Karnataka (India)

URL: https://www.rtip2r-conference.org/2021/

Day 1: December 8, 2021 (1:30 pm – 7 pm, CET)

Welcome
    1:30 pm – 1:50 pm (CET)
    Zoom space: *link 1*

Keynotes
    2:00 pm – 2:50 pm (CET): Ajith Abraham, PhD (MIR Labs, USA)
    Zoom space: *link 1*
    Break (10 mins)
    3:00 pm – 4:50 pm (CET): Girijesh Prasad, PhD (University of Ulster, UK)
    Zoom space: *link 1*

Break (10 mins)

Session 1
    5:00 pm – 7:00 pm (CET)
    Co-chairs: 2 chairs
    Zoom space: *Link1*
    Category: Computer Vision and Pattern Recognition

8	Skewness of Gabor features are used for Gender classification during COVID-19
14	<mark>Complex object detection using light-field plenoptic camera</mark>
24	Real-Time Face Recognition for Organizational Attendance Systems
49	Harnessing Sustainable Development in Image Recognition through No-Code AI applications: A Comparative Analysis
53	Evaluating Performance of Adam Optimization by Proposing Energy Index
	Break (15 mins)
61	An alignment-free fingerprint template protection technique based on minutiae triplets
64	Early prediction of complex business processes using association rule-based mining
66	A Framework for Masked-image Recognition System in COVID-19 Era
70	A Deep-Learning Based Automated Covid-19 Physical Distance Measurement System Using Surveillance Video
81	A Super Feature Transform for Small-size Image Forgery Detection
80	Face mask detection using Deep Hybrid Network Architectures

Day 2: December 9, 2021 (1:30 pm – 7 pm, CET)

Welcome
  1:30 pm – 1:50 pm (CET)
  Zoom space: *link 1*

Keynotes
  2:00 pm – 2:50 pm (CET): Sally McClean, PhD (University of Ulster, UK)
  Zoom space: *link 1*

Break (10 mins)

Session 1:
  3:00 pm – 3:45 pm (CET)
  Chair: 1 chair
  Zoom space: *link1*
  Category: Satellite imaging and remote sensing

7	Agricultural Field Analysis Using Satellite Hyperspectral Data and Autoencoder
62	Development of NDVI Prediction Model Using Artificial Neural Networks
77	Time Series Forecasting of Soil Moisture using Satellite Images

Break (15 mins)

Session 2:
  4:00 pm – 5:15 pm (CET)
  Chair: 1 chair
  Zoom space: *link1*
  Category: Signal processing and machine learning

13	Imagined object recognition using EEG-based neurological brain signals
15	A fast and efficient k-nearest neighbor classifier using a convex envelope
68	Single Channel Speech Enhancement using Masking based on Sinusoidal Modeling
69	Extraction of Temporal Features on Fibonacci Space for Audio based Vehicle Classification
78	An improved technique for preliminary diagnosis of Covid-19 via cough audio analysis

Break (15 mins)

Session 3:
  5:30 pm – 6:30 pm (CET)
  Chair: 1 chair
  Zoom space: *link1*
  Category: Document analysis and recognition

1	UHTelHwCC: A Dataset for Telugu Off-line Handwritten Character Recognition
3	Inflectional and Derivational Hybrid Stemmer for Sentiment Analysis: a Case Study with Marathi Tweets
28	Adaptive threshold-based database preparation method for handwritten image classification
38	A Graph-based Holistic Recognition of Handwritten Devanagari Words: An approach based on spectral graph embedding

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Day 3: December 10, 2021 (1:30 pm – 7 pm, CET)

Welcome
1:30 pm – 1:50 pm (CET)
Zoom space: *link 1*

Keynotes
2:00 pm – 2:50 pm (CET): Neeraj Kumar, PhD (Thapar Inst. of Eng. and Techno, India)
Zoom space: *link 1*

Break (10 mins)

Session 1:
3:00 pm – 7:00 pm (CET)
Co-chairs: 3 persons
Category: Healthcare: medical imaging and informatics
Zoom space: *link 1*

4	Designing the Convolutional Auto Encoder with Single Layered Long Short Term Memory Architecture for ECG Signal Compression
5	Cleaning Highly Unbalanced Multisource Image Dataset for Quality Control in Cervical Precancer Screening
18	Detection of Male Fertility Using AI Driven Tools
19	An empirical study of vision transformers for cervical precancer detection
	Break (15 mins)
21	CheXNet for Covid-19 Screening using 2.3K Positive Chest X-rays
22	An Enhanced Deep Convolution Neural Network model to diagnose Alzheimer's disease using brain Magnetic Resonance Imaging
26	Alzheimer's Disease Detection using Ensemble Learning and ANNs
35	Automatic DNN-based Knee Osteoarthritis Stages Identification
	Break (15 mins)
50	Stacked Dark COVID-Net: A Multi-class Multi-label classification approach for diagnosing COVID-19 using Chest X-Ray Images
52	Image Augmentation for Improving Automated Eligibility-Classification for Cervical Precancer Ablation Treatment
54	Osteoarthritis Detection Using Densely Connected Neural Network
63	YOLO for foreign object detection in chest x-rays
79	Mammogram Mass Classification: A CNN-based Techniques on Different Age Groups

Closing!