ChákṣuAI

presents

One-Day Symposium
on
Artificial Intelligence for Eyecare

Date: January 17, 2025
Time: 9:30 AM - 6:00 PM
Venue: Multimedia Classroom, EE Department, IISc, Bengaluru

Register at
www.chaksu.ai/ai_for_eyecare

AI in Glaucoma: Scope and Possibilities for Future Collaborative Research
Dr. Murali Ariga
Head of Ophthalmology, Sundaram Medical Foundation

The Eye as a Biomarker for Systemic Disease
Dr. Shyam Vasudeva Rao
Founder and Director Forus Health, Renalyx

Artificial Intelligence In Ophthalmology - The Novel, Self-Built, Cost Effective & Multimodal AI Tool Box
Dr. Prasanna Venkatesh Ramesh
Research Director, Mahathma Eye Hospital

Artificial Intelligence for Biomarker Extraction in Retinal Images
Asst. Prof. Vaanathi Sundaresan
Department of CDS, IISc, Bengaluru

Ophthalmology and Artificial Intelligence
Dr. Yogish Kamath
Professor and Head of the Department of Ophthalmology, Kasturba Medical College

New Tricks for an Old Dog: Combining Traditional Computer Vision with Deep Learning for Ophthalmological Image Analysis
Prof. Gaurav Sharma, Department of ECE, University of Rochester, USA

Impact of AI on Diagnosis Advancements: Vision-Related Systemic and Degenerative Diseases
Dr. Raghu Prasad
Head of AI & R&D, Carl Zeiss India

Generative Adversarial Networks for Visual Texture Modeling
Prof. Thrasos Pappas
Northwestern University, USA

Operations Analytics & Reporting: The Need for Gen AI in Lens Manufacturing
Dr. Sanjay
Head of Operations, Carl Zeiss, India

Beyond Supervised Learning: From Classical Image Processing to Foundational VLMs in Ophthalmic Image Analysis
Prof. Chandra Sekhar Seelamantula
Department of EE, IISc, Bengaluru

Designing AI for Scalable Population Health Screening: From Innovation to Regulatory Approval and Impact
Dr. Shonraj Ballae Ganesh Rao
Head of Clinical Research, Remidio

For more information contact:
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