

11th Annual Catalan Meeting on Computer Vision **PROGRAM** TUESDAY 17th SEPTEMBER 2024

Agriculture
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14:00	Gunjan Paul	Carlos Boned Riera	Luis González Gudiño	Àngel Herrero Díaz	Miruna-Diana Jarda	
	Fruit Tree management based on Radiance Fields	Where is Waldo? Link discovery through visual graph construction from handwritten historical census documents	Enhancing Speech-Driven Facial Animations with Emotion-Guided 3D Head Movements	Implementation and evaluation of an active learning pipeline for cardiac segmentation	A Quantum Machine Learning Approach to the Diffusion Model Problem	
• 14:45	Pablo Vega Gallego	Goio García Moro	Rosana Valero	Iker Garcia	Francisco Antonio	
	3D fruit detection in RGB and	Recognition of handwritten characters using Spiking Neural Networks	Martinez	Fernandez	Molina Bakhos	
	LiDAR based sensors using deep learning.		Real-Time Image Processing and Information Extraction for Al-driven League of Legends Coaching	Segmentation and classification of prostate MRI for prostate cancer diagnosis	Image enhancement using Color Naming in Transformer- Based models	
15:30		Cristina Aguilera	Diana Tat	Marco Cordón	Pau Vallespí	Ainoa Contreras
15:30		Gonzalez	A study of automatic emotion	Vaquero	Monclus	Rodríguez
		Automatic Chart Understanding in YouTube Financial Content	perception in children aged 3 to 5 years.	Creation of rehabilitation exercises using hands and body tracking through computer vision in real time.	Enhancing Generative Model Reliability with Self- Conditioning Techniques	When Vehicles Remember: Memory-Enhanced Conditional Imitation Learning
16:15		Iñaki Lacunza	Cristian Gutiérrez Gómez	Sigrid Vila Bagaria	Marc Pérez Sabater	Adrià Subirana Pérez
10.15		Castilla Can We Read a Book Without Opening it? A New Perspective Towards Multi-Page Document Visual Question Answering	TinyEmo: Scaling down Emotional Reasoning via Metric Projection	Synthesis of prostate MRI with generative adversarial networks.	Enhancing Foul Detection in Soccer Matches Using Multi- View Video Analysis	Depth Completion from Radar and RGB Data in a New Dataset aimed at Real-time Applications for Autonomous Vehicles
17.00				Georg Simon	Jordi Morales Casas	
17:00				Herodes Evaluation of Unsupervised and Weakly Supervised Training Methods For Intravascular Ultrasound Segmentation	Fixation-Guided Visual Attention Models with Transformers	

## 17:30 Industry Pitch

Session in which the companies will make a 5 minutes pitch.

## 18:30 Keynote Talk

Adrià Recasens Continente, Staff Research Scientist at Google DeepMind, will be giving

QURV | MITEK | HP | PICVISA | DAVANTIS | IDNEO | LIVITUM

## **18:00** Poster Session & Networking

Posters, Networking and snacks.

the Keynote Talk "A Multimodal Journey"

## 19:15 Awards & Closing

Awards ceremony and closing of the event.