PROGRAM

SEPTEMBER 19th

CVC & ESCOLA ENGINYERIA | CAMPUS UAB
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ACMCV'22
9th Annual Catalan Meeting on Computer Vision

| 14:00 - 17:30 h |

🎓 Master thesis presentations | EE Seminar rooms A,B,C,D & Sala de Graus

Start Time	Track1: Seminari C — Food	Track2: Seminari D — Nature	Track3: Seminari A — Looking at People	Track4: Sala de Graus — Models	Track5: Seminari B — Applications	Track6: Seminari C — Databases
14:00				**Alex Martin Martínez** — Lightweight neural network architectures for on-device object detection	**Yu Pang** — Electricity bill key information detection and recognition based on improved YOLOv5	
14:45	**Francesc Net Barnés** — Fruit detection and tracking in RGB-D videos			**Juan Antonio Rodríguez** — Text to Figure Generation	**Eric Henriksson Martí** — Lightweight Monocular 3D Vehicle Detection in Calibrated and Uncalibrated Scenarios	
15:30	**Ignacio Galve** — 3D Apple segmentation and measurement in large unstructured point clouds	**David Serrano Lozano** — Uncertainty as a Proxy of the Generalization Error for Marine Species Identification	**Brian Guang Jun Du** — A Visual and Semantic Two-Stream Architecture for Visual Sentiment Recognition	**Mert Yazan** — Automatic dataset update via instance relevance assessment	**Kevin Martín Fernández** — Automatic detection of fiber-cement roofs in aerial images	
16:15		**Laia Albors Zumel** — A method to minimize human interaction in labeling images for flora and fauna visual identification	**José Manuel López Camuñas** — Non-verbal Synchrony Analysis in Dyadic interactions	**Sergio Montoya de Paco** — Fine 4D Neural Models from Uncalibrated Videos	**Pau Torras Coloma** — End-to-End Symbolic Music Recognition	**Víctor Ubieto Nogales** — A novel Learning Database for Sign Language Animation Synthesis from Quaternion estimations
17:00			**Marcos Melgar Segovia** — Dynamic Audio NeRF for 4D Facial Avatar Reconstruction	**Marcos V Conde Osorio** — Perceptual Image Enhancement for Smartphone Real-Time Applications	**Joan Fontanals Martínez** — 2-phase cross-modal search. Combining dual encoders with Vision & Language Transformers	

| 17:30 - 19:00 h |

💡 Reception, Poster Session & Coffee | CVC Garden

| 19:00 - 19:45 h |

📣 Keynote Talk | CVC Garden

> **Dataset distillation and Learning to see by looking at noise** `online`
  Dr. Antonio Torralba, *Massachusetts Institute of Technology (MIT)*

| 19:45 - 20:30 h |

Spotlight session: best ACMCV 2022 papers | CVC Garden

| 20:30 - 20:45 h |

🏆 Student Awards and Closing | CVC Garden

| 20:45 h |

⭐ Drinks | CVC Garden

Organized by: CVC — Centre de Visió per Computador   Sponsored by: AIRA Artificial Intelligence Research Alliance   With the collaboration of: UAB Universitat Autònoma de Barcelona · UOC Universitat Oberta de Catalunya · UPC · upf.