

Wednesday 7 September

13.30-14.15 Registration

14.15-14.30 Welcome and Overview

14.30-15.00 **Keynote 1: XAI : Explanations of AI decisions in Image Classification
Tasks: Methods and Questions**

15.00-16.00 **Session 1: Deep Learning in Object and Document Processing**

Quantifying Childrens Daily Experience - Promises Computer Vision Makes and
Challenges on the Way

Incremental Learning on Multi-modal Data for Risk Detection of Fragile People

Triplet Networks for Cross-modal Document Image Retrieval

16.00-16.30 Coffee break

16.30-17.00 **Keynote 2: An insight into VPULab: the Research Group Supporting
IPCV@UAM**

17.00-18.00 **Session 2: Video and Image Sequence Processing**

Analysis and Extensions of Adversarial Training for Video Classification

Back to the Future: Boosting 3D Perception with Privileged Temporal
Information

18.00- Optional social program:
Budapest Challenge (the city as never seen before)

**Jenny Benois-PINEAU
(University of Bordeaux)**

Anam ZAHRA
(Pakistan) Cohort of 2018-2020
Abel Kahsay GEBRESLASSIE
(Ethiopia) Cohort of 2020-2022
Julián Norberto SALAZAR VIDAL
(Colombia) Cohort of 2020-2022

**Jesus BESCOS
(Autonomous University of Madrid)**

Kaleab Alemayehu KINFU
(Ethiopia) Cohort of 2018-2020
Awet Haileslasie GEBREHIWOT
(Ethiopia) Cohort of 2018-2020

Thursday 8 September

9.00-9.30	Keynote 3: Multi-sensorial Urban Environment Perception	Csaba BENEDEK (Pázmány Péter Catholic University)
9.30-10.30	Session 3: Processing and Understanding Imagery from Urban and Natural Environments Road Friction Coefficient Estimation Method Based on the Fusion of Machine Vision, Tire and Vehicle Dynamics 2D and 3D Focusing and Tomography of UAV-borne Synthetic Aperture Radar Images Object Detection and Segmentation for 360 Urban Stocktaking and Equirectangular Projection for Data Augmentation	Mohamed Hussein HASSAN (Egypt) Cohort of 2020-2022 Martin Gustavo BERNARDI (Argentina) Cohort of 2020-2022 Oscar JUAREZ DELGADO (Mexico) Cohort of 2020-2022
10.30-11.00	Coffee break	
11.00-12.15	Roundtable Discussion: Past, Present and Future of the IPCV Programme Session 4: Medical Image Processing Abdominal Aortic Aneurysm Segmentation and Analysis from CTA Images Image Processing in Nuclear Medicine Classification of Breast Cancer Subtypes and Evaluation of Biomarker Expression in Whole Slide Images	Jose Maria MARTINEZ (Autonomous University of Madrid) Vilmos MADARAS (Hungary) Cohort of 2020-2022 Dániel GÉMES (Hungary) Cohort of 2015-2017 Laura Valeria PÉREZ HERRERA (Mexico) Cohort of 2020-2022 Kristóf KARACS (Pázmány Péter Catholic University)
12.15-12.30	Concluding remarks	
12.30-14.00	Lunch	

- 14.00-16.00 **IPCV Alumni Meeting**
- 16.00-16.30 Coffee break
- 16.30-18.00 **IPCV Graduation and International Opening Ceremony**
- 19.00-21.00 **Gala Dinner on the Danube**

Friday 9 September

- 08.30-17.00 **Option A:** Day-trip to Visegrád
- 09.00-12.00 **Option B:** Lab visits and networking