BMVA Symposium: Synthetic Data for Machine Learning

One Day BMVA symposium in London, UK on Wednesday 8th November 2023

**Chairs:** Abdulrahman Kerim - UCA, Leandro Soriano Marcolino – Lancaster University, Erickson Nascimento - Universidade Federal de Minas Gerais & Microsoft

**www.bmva.org/meetings**

**Keynote speakers**
Dr. Tadas Baltrusaitis (Microsoft)  
Prof. Edmond Prakash (UCA)

**Programme:**
09:30 Registration and Coffee  
10.00 **Keynote Talk - Dr. Tadas Baltrusaitis** (Principal Scientist, Microsoft)  
10.45 Divyanshu Mishra (University of Oxford) - **Dual Conditioned Diffusion Models for Out-of-Distribution Detection**  
11.15 Coffee Break  
11.45 Bram Vanherle (Hasselt University) - **Analysis of Training Object Detection Models with Synthetic Data**  
12.15 Jing Wang (Sheffield Hallam University) - **Photorealistic Synthetic Image Dataset for Fall Detection**  
12.45 Lunch Break  
13.45 Zien Ma (Cardiff University) - **Quantification of Metabolites in Magnetic Resonance Spectra with Deep Learning: Insights on Simulated and Real Data**  
14.15 Felipe Cadar Chamone (Universidade Federal de Minas Gerais) - **A New Dataset for Evaluating Keypoint Correspondence Methods on Complex and Non-rigid Scenes**  
14.45 Coffee Break  
15.15 **Keynote Talk - Prof. Edmond Prakash** (Research Centre for Creative Technologies, UCA)  
16.00 Alex Mackin (Amazon Prime Video) - **Closing the Domain Gap Between Development and Production Environments**  
16.30 Closing thoughts and final discussion  
17.00 Meeting Ends

**Registration:** Book online at www.bmva.org  
BMVA Members: £16, Non-Members: £36, (Both Inc Lunch)