



Transfer Learning in Computer Vision (TLCV)

One Day BMVA symposium in London, UK on Wednesday 25th Jan, 2017

Chairs: Dima Damen (Univ of Bristol), Gabriela Csurka (XRCE), Timothy Hospedales (Univ of Edinburgh)

www.bmva.org/meetings

09:00 - Registration + Coffee

09:15 - Welcome from the Chair(s)

09:30 : Transductive TL for Activity recognition - **Teo de Campos, Universidade de Brasilia and University of Surrey**

10:00 : TL Methodologies - **Massimiliano Pontil, Istituto Italiano di Tecnologia and UCL**

10:50 - Coffee Break AM

11:20 : Unifying perspectives on knowledge sharing – **Timothy Hospedales, University of Edinburgh**

11:50 : Learning Feed-Forward One-Short Learners - **Luca Bertinetto, João Henriques, Jack Valmadre, Philip Torr and Andrea Vedaldi, University of Oxford**

12:10 : Active transfer learning for activity recognition - **Tom Diethe, Niall Twomey, Peter Flach, University of Bristol**

12:30 – Lunch

13:30 : TL for location-invariant activity recognition: An overview – **Dima Damen, University of Bristol**

13:40 : TL across digital domains: From Photos to Artwork - **Peter Hall, University of Bath**

14:30 : Cross Domain Matching of Images and Text - **Tanmoy Mukherjee, Queen Mary University**

14:50 : Exploiting Virtual Worlds and Domain Adaptation for Driving Scene Understanding, **Antonio Lopez, German Ros, Laura Sellart, Joanna Materzynska, David Vazquez, Gabriel Villalonga, Computer Vision Center, Barcelona**

15:00 - Coffee Break PM

15:30 : Learning to transfer: transferring latent task structures and its application to person-specific facial action unit detection - **Timur Almaev, University of Nottingham**

15:50 : Cost-based Feature Transfer for Vehicle Occupant Classification - **Toby Perrett, University of Bristol**

16:10 : Trace Norm Regularised Deep Multi-Task Learning - **Yongxin Yang, Queen Mary University of London**

16:20 : Open Discussion on future challenges and opportunities in TL

17:00 - End of meeting

Registration & Venue Information: <http://tlcv.eventbrite.co.uk/>