

Pablo Casaseca, PhD

Centre for Artificial Intelligence, Visual Communications, and Networking
School of Engineering and Computing
University of the West of Scotland

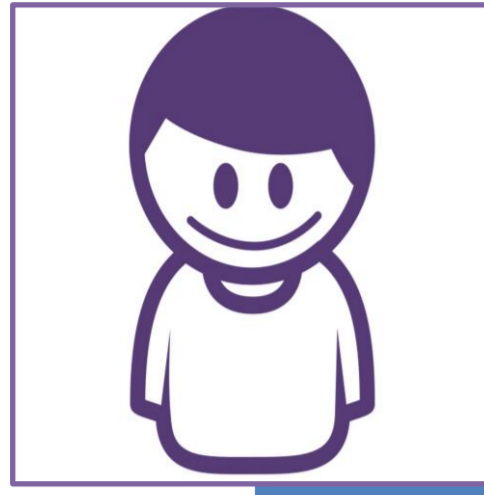


Talent
Ideas
Expertise

Scottish Crucible 2016



- Networking
- Joint Research Projects
- Underpinning Scottish Innovation Agenda



Biography

- Lecturer in Image/Signal Processing
- Moved to Scotland in 2013
- Different academic positions in Spain 2003-2013
- Industry experience (Alcatel Espacio, 2000-2003)



Research Interests

- Signal/Image Processing and Analysis
- Statistical Signal and Image Modelling
- Pattern Recognition/Deep learning
- Computer Vision
- Beyond research? Ask...

Development of further studies based on the developments

Pushing the boundaries of the actual disciplines

RESEARCH APPROACH

Knowledge transfer to tangible products



Publications

- 58 peer-reviewed scientific papers and book chapters
- 200+ citations
- 16 JCR-indexed journals
- 35 conferences, 3 invited talks, 4 book chapters



Projects

- Participated in 25+ research projects
- £2M overall funding
- 6 projects as lead PI
- Secured £200k funding since January 2015 as PI

Biomedical Engineering

- Medical Imaging
- Biomedical Engineering
- Connected Health
- Smartphone Applications for Healthcare

UAV

- Flood monitoring
- Object detection and recognition
- Localisation

Telecommunications and Networking

- Anomaly detection in networks
- Channel estimation