

ECCV22 Awards



Best paper awards

ECCV22 Best Paper Award Committee



Laura Leal-Taixe (chair)

Technische
Universität
München



Oisín Mac Aodha

University of
Edinburgh



Alessio del Bue

IIT



Yanxi Liu

Pennsylvania
State University



Ko Nishino

Kyoto
University



Jianbo Shi

University of
Pennsylvania



Todd Zickler

Harvard
University

Thank you for your service!

Best Paper Honorable Mention

Pose-NDF: Modelling Human Pose Manifolds with Neural Distance Fields

Garvita Tiwari, Dimitrije Antic, Jan E. Lenssen, Nikolaos Sarafianos, Tony Tung, Gerard Pons-Moll

For proposing a new approach to manifold learning using neural distance fields. The paper offers applications to human body pose related tasks, showing the expressiveness of the proposed learned prior in applications ranging from denoising motion capture data, 3D pose estimation from images, and pose generation.

Best Paper Honorable Mention

A Level Set Theory for Neural Implicit Evolution under Explicit Flows

Ishit Mehta, Manmohan Chandraker, Ravi Ramamoorthi

For providing an elegant and insightful theoretical background for unifying mesh processing and efficient neural surface processing, pointing to exciting practical applications in the future.

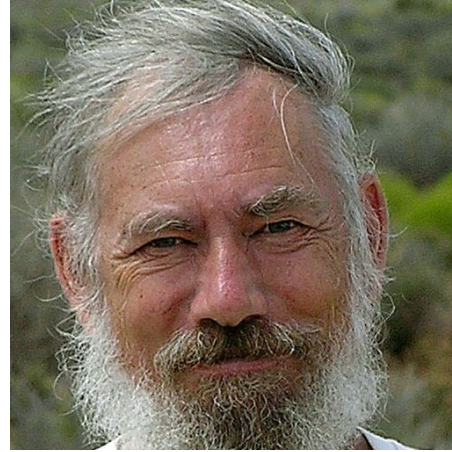
Best Paper Award

On the Versatile Uses of Partial Distance Correlation in Deep Learning

Xingjian Zhen, Zihang Meng, Rudrasis Chakraborty, Vikas Singh

Novel model correlation distance enabling a range of applications, including conditioning deep models on other models, learning disentangled representations, and optimizing diverse models, making them more robust to adversarial attacks.

Koenderink Prize (test of time)



The Koenderink Prize recognises fundamental contributions in computer vision. It is awarded each year at the ECCV for a paper published ten years ago at that conference which has withstood the test of time.

Koenderink Prize (test of time)

A naturalistic open source movie for optical flow
evaluation

Daniel J. Butler, Jonas Wulff, Garrett B. Stanley & Michael J. Black

For inspiring an unusually broad community to invest research efforts on developing
novel solutions to a computer vision problem, which remains challenging today

Koenderink Prize (test of time)

Indoor Segmentation and Support Inference from RGBD Images

Nathan Silberman, Derek Hoiem, Pushmeet Kohli & Rob Fergus

For inspiring an unusually broad community to invest research efforts on developing novel solutions to a computer vision problem, which remains challenging today

PAMI Mark Everingham Prize

Annual award given to a researcher, or a team of researchers, who have made a selfless contribution of significant benefit to other members of the computer vision community.

The Everingham Prize was created to commemorate Mark Everingham who died in 2012, and to encourage others to follow in his footsteps by acting to further progress in the computer vision community as a whole.

Mark Everingham's best known contribution is the organization of the PASCAL VOC datasets and challenges.

The prize is awarded at ICCV and ECCV. The winners are selected by the PAMI-TC awards committee.



Best Demo Award

Using a Smartphone for Augmented Reality in a Classroom

Yair Moshe, Dan-Ilan Ben-David, Eran Mann, Sagie Baboach,
Iddo Bar-Haim, Shoval Gerbi, Adam Katav
Technion – Israel Institute of Technology

Mark Everingham Award Committee



David Forsyth



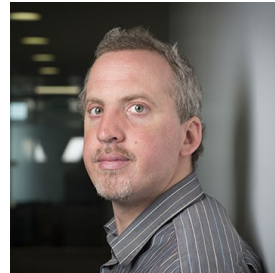
Jitendra Malik



Josef Sivic



Luc Van Gool



John Winn



Andrew Zisserman

This is a community driven award.
Send nominations for the 2023 prize to:
everingham-prize@googlegroups.com

Thank you for your service!



PAMI Mark Everingham Prize 2022

Walter J. Scheirer

For outstanding long-term service and dedication to the interests
of the computer vision community.

PAMI Mark Everingham Prize 2022

The UCF101 and HM51 dataset teams

Khurram Soomro, Amir Roshan Zamir and Mubarak Shah
Hilde Kuehne, Hueihan Jhuang, Estibaliz Garrote, Tomaso A.
Poggio, Thomas Serre

For pioneering human action recognition datasets.

ECVA Awards

ECVA recognizes and encourages outstanding research achievements during the dissertation phase of young European researchers, in the field of computer vision

ECVA Young Researcher Award Committee



Horst Bischof



Michal Irani



Andrea Vedaldi



Thomas Brox

ECVA PhD Award Committee



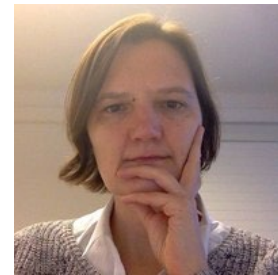
Serge Belongie



Daniel Cremers



Lana Lazebnik



Tinne Tuytelaars

Thank you for your service!



European Conference on Computer Vision 2022, Tel Aviv / Oct 23 – 27, 2022

ECVA Young Researcher Award 2021

Presented to

Zeynep Akata

Tinne Tuytelaars

Marc Pollefeys



European Conference on Computer Vision 2022, Tel Aviv / Oct 23 – 27, 2022

ECVA Young Researcher Award 2022

Presented to

Amir Zamir

Tinne Tuytelaars

Marc Pollefeys



European Conference on Computer Vision 2022, Tel Aviv / Oct 23 – 27, 2022

ECVA PhD Award

Presented to

Triantafyllos Afouras, Marcella Cornia, Iro Laina, Yongqin Xian

Tinne Tuytelaars

Marc Pollefeys

European Computer Vision Association

Purpose of ECVA:

- Help organize ECCV
- Support the European computer vision community

Membership: Current and past ECCV program chairs and general chairs

Current executive board: Marc Pollefeys, Tinne Tuytelaars, Tomas Pajdla

Funds:

- Surplus from ECCVs since 2014
- Currently +/- 500k euro (for reference: this ECCV budget +/- 2.5M euro)
- re-invested in the community (ECCV financial sponsor, ECVA awards, ...)