

ANTONINO FURNARI

Università degli Studi di Catania, Dipartimento di Matematica e Informatica

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BREVE BIOGRAFIA

Antonino Furnari è ricercatore (RTDb) presso l'Università di Catania. Ha conseguito la laurea triennale e magistrale in informatica (entrambe con lode) e il dottorato di ricerca in matematica e informatica rispettivamente nel 2010, 2013 e 2017 presso l'Università di Catania. È membro del gruppo di ricerca IPLAB (Università di Catania) dal 2012 ed è autore di due brevetti e più di 50 articoli in riviste internazionali, atti di convegni internazionali capitoli di libri internazionali. Diversi di tali lavori hanno ottenuto riconoscimenti da conferenze internazionali. In particolare, tre articoli sono stati riconosciuti come TOP-10% dalle conferenze ICIP 2014 (GII-GRIN-SCIE Class 2, Rating A-, 2015), ICIP 2015 (GII-GRIN-SCIE Class 2, Rating A-, 2015), ICIP 2019 (GII-GRIN-SCIE Class 2, Rating A-, 2018) e due lavori sono stati pubblicati come "oral" in ECCV 2018 (TOP-2.42% - GII-GRIN-SCIE Class 1, Rating A+, 2018) e ICCV 2019 (TOP-4.3% - GII-GRIN-SCIE Class 1, Rating A++, 2018). Dal 2017 presta servizio come professore a contratto presso il Dipartimento di Matematica e Informatica dell'Università di Catania, Italia. Nel 2020 e nel 2021 è guest editor della rivista IEEE Transactions on Pattern Analysis and Image Intelligence (TPAMI - Impact Factor 2019: 17.861) per uno special issue su "Egocentric Perception" e della rivista Frontiers in Computer Vision per uno special issue su "Machine Vision for Assistive Technologies". Antonino Furnari ha collaborato all'organizzazione di diversi eventi internazionali, quali la serie di workshop su "Assistive Computer Vision and Robotics (ACVR)" (dal 2016), la scuola internazionale "International Computer Vi-

sion Summer School (ICVSS)" (dal 2017) e la serie di workshop su "Egocentric Perception Interaction and Computing (EPIC)" (dal 2018). È revisore per conferenze internazionali nel campo della visione artificiale e del multimedia, tra cui CVPR, ICCV, WACV, ACM Multimedia, ICRA, ICPR, ICIAP, e per diverse riviste tra cui IEEE Pattern Analysis and Machine Intelligence, International Journal of Computer Vision, Pattern Recognition, IEEE Computer Vision and Image Understanding, Circuits and Systems for Videos Technology e Pattern Recognition Letters. Dal 2016 ha condotto seminari presso università internazionali, tra cui l'università di Bristol (UK), l'università di Berna (CH), l'università dell'Essex (UK), il politecnico federale di Zurigo (ETH - CH), workshop (EgoApp 2019, all'interno di BMVC 2019) e tutorial presso conferenze (VISAPP 2019, VISAPP 2020). Antonino Furnari è Senior Member di IEEE e membro di CVF e CVPL. I suoi interessi di ricerca riguardano Computer Vision, Pattern Recognition e Machine Learning, con particolare attenzione alla First Person Vision. Dal 2021, è co-fondatore e Chief R&D Officer of the Next Vision s.r.l. spin-off dell'Università di Catania (<http://nextvisionlab.it>), la cui missione è costruire innovative tecnologie di Intelligenze Artificiale per dispositivi indossabili.

INDICI BIBLIOMETRICI

INDICI BIBLIOMETRICI DI SCOPUS (ACCESSO AVVENUTO IL 19 DICEMBRE 2022)

- H-index: 15
- Numero di articoli su rivista : 23
- Numero di citazioni : 946

INDICI BIBLIOMETRICI DI GOOGLE SCHOLAR (ACCESSO AVVENUTO IL 19 DICEMBRE 2022)

- H-index: 23
- Numero di articoli su rivista : 23
- Numero di citazioni : 2102

ABILITAZIONI

29/04/2021	ABILITAZIONE II FASCIA SETTORE CONCORSUALE 01/B1 - INFORMATICA Valida fino al 29/04/2030
14/04/2021	ABILITAZIONE II FASCIA SETTORE CONCORSUALE 09/H1 - SISTEMI DI ELABORAZIONE DELLE INFORMAZIONI Valida fino al 14/04/2030

AFFILIAZIONI

SEPT. 2022 PRESENT	RICERCATORE A TEMPO DETERMINATO (RTD-B) <i>Dipartimento di Matematica e Informatica, Università di Catania (IT)</i>
MAR. 2020 AUG. 2022	RICERCATORE A TEMPO DETERMINATO (RTD-A) <i>Dipartimento di Matematica e Informatica, Università di Catania (IT)</i> AIM - Attraction and International Mobility. Codice Proposta AIM1893589 <i>Tema di Ricerca</i> : Predizione di azioni e interazioni con oggetti da immagini e video acquisiti mediante telecamere indossabili
APR. 2017 FEB. 2020	ASSEGNISTA <i>Dipartimento di Matematica e Informatica, Università di Catania (IT)</i> <i>Supervisore</i> : Dr. Giovanni Maria Farinella.

| *Tema di Ricerca: Algoritmi di egocentric vision per la comprensione della scena .*

2017 | **PROFESSORE A CONTRATTO**

2020 | *Dipartimento di Matematica e Informatica, Università di Catania (IT)*

SEPT. 2015 | **PROFESSORE A CONTRATTO**

NOV. 2015 | *Fondazione Istituto Tecnico Superiore "Steve Jobs" (IT)*

2013 | **STUDENTE DI DOTTORATO IN MATEMATICA E INFORMATICA**

2016 | *Università di Catania (IT)*

Supervisor: Dr. Sebastiano Battiato & Dr. Giovanni Maria Farinella.

Tesi : Context Awareness in First Person Vision.

2013 | **MEMBRO DEL LABORATORIO CONGIUNTO IPLAB - STMICROELEC-**
PRESENTI **TRONICS (IT)**

Dipartimento di Matematica e Informatica, Università di Catania (IT)

STMicroelectronics - AST Computer Vision (IT)

2012 | **MEMBRO DEL GRUPPO DI RICERCA IPLAB**

PRESENTI | *Dipartimento di Matematica e Informatica, Università di Catania (IT)*

EDUCAZIONE

2013 | **DOTTORATO IN MATEMATICA E INFORMATICA**

2016 | *Università degli Studi di Catania (IT)*

Supervisor: : Dr. Sebastiano Battiato & Dr. Giovanni Maria Farinella.

Tesi : Context Awareness in Egocentric Vision.

2010 | **LAUREA MAGISTRALE IN INFORMATICA**

2013 | *Università degli Studi di Catania (IT)*

Tesi : Vehicle Tracking In Real-World Video Sequences.

2006 | **LAUREA IN INFORMATICA**

2010 | *Università degli Studi di Catania (IT)*

Tesi : Valutazioni ed ottimizzazioni di design pattern ad aspetti.

ESPERIENZE INTERNAZIONALI

07/01/21 | **VISITING SCHOLAR (SMART WORKING)**

30/09/21 | *Facebook AI Research/University of Texas*

Supervised by: Dr. Kristen Grauman

Research Topic: Egocentric Vision for Object Interaction Anticipation

30/07/19 | **VISITING SCHOLAR**

30/08/19 | *University of Bern (CH)*

Supervised by: Dr. Paolo Favaro

Research Topic: Unsupervised Video Representations

26/08/18 | **VISITING SCHOLAR**

07/09/18 | *University of Essex (UK)*

Supervised by: Dr. Dimitri Ognibene

Research Topic: Egocentric Vision for Robotic Assistance

- AUG. 2017** | **VISITING SCHOLAR**
University of Bristol (UK)
Supervised by: Dr. Dima Damen
Research Topic: Egocentric Action Anticipation
- MAR. 2016** | **VISITING SCHOLAR**
JUL. 2016 | *University of Texas at Austin (US)*
Supervised by: Dr. Kristen Grauman
Research Topic: Next Active Object Prediction from Egocentric Videos

ATTIVITÀ PROFESSIONALI

MEMBRO DI COMITATI EDITORIALI PRESSO RIVISTE INTERNAZIONALI

- 2021** | **ASSOCIATE EDITOR OF THE VISUAL COMPUTER JOURNAL**
 PRESENT | Associate Editor of The Visual Computer Journal
- 2021** | **GUEST EDITOR OF FRONTIERS IN COMPUTER VISION SPECIAL ISSUE**
 Guest Editor of the Frontiers in Computer Vision special issue on Machine Vision for Assistive Technologies
- 2020** | **GUEST EDITOR OF PAMI SPECIAL ISSUE**
 Guest Editor of the IEEE Pattern Analysis and Machine Intelligence special issue on Egocentric Perception (Impact Factor 2019: 17.861)

DIDATTICA

CORSI UNIVERSITARI

- A.A. 21/22** | **SOCIAL MEDIA MANAGEMENT**
Dept. of Mathematics and Computer Science, University of Catania (IT)
 BSc course in Computer Science — 48 hours — 6 CFU
- A.A. 21/22** | **LABORATORY PROGRAMMING**
Dept. of Mathematics and Computer Science, University of Catania (IT)
 BSc course in Computer Science — 12 hours — 3 CFU
- A.A. 20/21** | **SOCIAL MEDIA MANAGEMENT**
Dept. of Mathematics and Computer Science, University of Catania (IT)
 BSc course in Computer Science — 48 hours — 6 CFU
- STATISTICAL LABORATORY**
Dept. of Economics and Business, University of Catania (IT)
 MSc course in Data Science for Management — 36 hours — 3 CFU
- A.A. 19/20** | **SOCIAL MEDIA MANAGEMENT**
Dept. of Mathematics and Computer Science, University of Catania (IT)
 BSc course in Computer Science — 48 hours — 6 CFU
- A.A. 18/19** | **LABORATORIO DI FONDAMENTI DI ANALISI DEI DATI**
Dept. of Mathematics and Computer Science, University of Catania (IT)
 MSc course in Computer Science — 24 hours — 3 CFU
- A.A. 17/18** | **LABORATORIO DI FONDAMENTI DI ANALISI DEI DATI**
Dept. of Mathematics and Computer Science, University of Catania (IT)

| MSc course in Computer Science — 24 hours — 3 CFU

CORSI DI DOTTORATO

- A.A. 21/22 | **READING GROUP**
Coordination of the Reading Group at the PhD Course of the Department of Mathematics and Computer Science at the University of Catania - XXXVI Ciclo
 PhD Course — 24 hours
- A.A. 20/21 | **READING GROUP**
Coordination of the Reading Group at the PhD Course of the Department of Mathematics and Computer Science at the University of Catania - XXXVI Ciclo
 PhD Course — 24 hours
- A.A. 19/20 | **READING GROUP**
Coordination of the Reading Group at the PhD Course of the Department of Mathematics and Computer Science at the University of Catania - XXXV Ciclo
 PhD Course — 24 hours
- A.A. 18/19 | **READING GROUP**
Coordination of the Reading Group at the PhD Course of the Department of Mathematics and Computer Science at the University of Catania - XXXIV Ciclo
 PhD Course — 24 hours
- A.A. 17/18 | **READING GROUP**
Coordination of the Reading Group at the PhD Course of the Department of Mathematics and Computer Science at the University of Catania - XXXIII Ciclo
 PhD Course — 24 hours

SUPERVISIONE DI STUDENTI

SUPERVISIONE DI STUDENTI DI DOTTORATO

- Dott. Kooshyar Koosari, XXXVII Ciclo. Supervisors: Dott. Antonino Furnari, Prof. Giovanni Maria Farinella;
- Dott. Giovanni Pasqualino, XXXVI Ciclo. Supervisors: Prof. Giovanni Maria Farinella, Dott. Antonino Furnari;
- Dott. Rosario Leonardi, XXXVI Ciclo. Supervisors: Prof. Giovanni Maria Farinella, Dott. Antonino Furnari;
- Dott. Camillo Quattrocchi, XXXVI Ciclo. Supervisors: Prof. Giovanni Maria Farinella, Dott. Antonino Furnari;

CO-SUPERVISIONE DI STUDENTI DI DOTTORATO

- Dott. Santi Orlando, XXXIII Ciclo, Ph.D. Scholarship Granted by DWord. Supervisor: Prof. Giovanni Maria Farinella. Co-Supervisor: Antonino Furnari;
- Dott. Francesco Ragusa, XXXIII Ciclo. Supervisor: Prof. Giovanni Maria Farinella. Co-Supervisor: Antonino Furnari;
- Dott. Marco Rosano, XXXIV Ciclo, Ph.D. Scholarship Granted by OrangeDev. Supervisor: Prof. Giovanni Maria Farinella. Co-Supervisor: Antonino Furnari;

- Dott. Giuseppe Puglisi, XXXIV Ciclo. Supervisor: Prof. Giovanni Maria Farinella. Co-Supervisor: Antonino Furnari;
- Dott. Ivan Rodin, Ph.D. Scholarship Granted by Marie Sklodowska Curie - Horizon 2020-ITN-EID. Supervisor: Prof. Giovanni Maria Farinella. Co-Supervisors: Antonino Furnari;
- Dott.ssa Ronja Möller, Ph.D. Scholarship Granted by Marie Sklodowska Curie - Horizon 2020-ITN-EID. Co-Supervisors: Prof. S. Battiato, Antonino Furnari;

PREMI E RICONOSCIMENTI

- 2022** **PAPER ACCEPTED AS ORAL AT CVPR 2022 (295 ORALS OVER 7093 SUBMISSIONS, TOP 4.15%)**
 Paper “Ego4D: Around the World in 3,000 Hours of Egocentric Video.” accepted for an oral presentation at CVPR 2022 (top 4.15% of submissions) [GII-GRIN-SCIE Class 1, Rating A++, 2018].
 The paper was also among the 33 finalists for the best paper award.
- 2022** **ECCV 2022 - OUSTANDING REVIEWER AWARD**
 Recognized as outstanding reviewer at ECCV 2022 [GII-GRIN-SCIE Class 1, Rating A++, 2021]
- 2021** **BDR AWARDS**
 Next Vision s.r.l. awarded at the “XII Forum Borsa della Ricerca”, 19-21 October - <https://www.borsadellaricerca.it/awards/01-01-1970/startime-next-vision/>
- 2021** **ICCV 2021 - OUSTANDING REVIEWER AWARD**
 Recognized as outstanding reviewer at ICCV 2021 [GII-GRIN-SCIE Class 1, Rating A++, 2018]
- 2020** **CVPR 2020 - OUSTANDING REVIEWER AWARD**
 Recognized as outstanding reviewer at CVPR 2020 - <http://cvpr2020.thecvf.com/reviewer-acknowledgements> [GII-GRIN-SCIE Class 1, Rating A++, 2018]
- 2019** **PAPER ACCEPTED AS ORAL AT ICCV 2019 (187 ORALS OVER 4303 SUBMISSIONS, TOP 4.3%)**
 Paper “What Would You Expect? Anticipating Egocentric Actions with Rolling-Unrolling LSTMs and Modality Attention” accepted for an oral presentation at ICCV 2019 (top 4.3% of submissions) [GII-GRIN-SCIE Class 1, Rating A++, 2018].
- PAPER AWARDED AS TOP 10% OF ICIP 2019**
 Top 10% Award for the paper “Egocentric Action Anticipation by Disentangling Encoding and Inference” at the ICIP 2019 conference [GII-GRIN-SCIE Class 2, Rating A-, 2018].
- 2018** **PAPER ACCEPTED AS ORAL AT ECCV 2018 (59 ORALS OVER 2439 SUBMISSIONS, TOP 2.42%)**
 Paper “Scaling Egocentric Vision: The EPIC-KITCHENS dataset” accepted for an oral presentation at ECCV 2018 (top 2.42% of submissions) [GII-GRIN-SCIE Class 1, Rating A+, 2018].
- TOP REVIEWER FOR CROSS-FIELD**
 Recognized as “top reviewer for Cross-Field” by PUBLONS
- 2017** **OUSTANDING CONTRIBUION IN REVIEWING FOR THE ELSEVIER PATTERN RECOGNITION JOURNAL**
 Awarded in recognition of the contributions made to the quality of the journal [Impact Factor 2017: 3.965]
- OUSTANDING CONTRIBUION IN REVIEWING FOR THE ELSEVIER COMPUTER VISION AND IMAGE UNDERSTANDING JOURNAL**

Awarded in recognition of the contributions made to the quality of the journal [Impact Factor 2017: 2.391]

2015 | PAPER AWARDED AS TOP 10% OF ICIP 2015

Top 10% Award for the paper "Generalized Sobel Filters for Gradient Estimation of Distorted Images" at the ICIP 2015 conference [GII-GRIN-SCIE Class 2, Rating A-, 2015].

2014 | PAPER AWARDED AS TOP 10% OF ICIP 2014

Top 10% Award for the paper "Affine Region Detectors on the Fisheye Domain" at the ICIP 2014 conference [GII-GRIN-SCIE Class 2, Rating A-, 2015].

2013 | READING GROUP COMPETITION - ICVSS 2013 AWARD.

Winner of the reading group competition at the International Computer Vision Summer School (ICVSS) 2013

PUBBLICAZIONI

RIVISTE INTERNAZIONALI

- [3] Matteo Dunnhofer, Antonino Furnari, Giovanni Maria Farinella, and Christian Micheloni. "Visual Object Tracking in First Person Vision". In: *International Journal on Computer Vision (IJCV)* (2022).
- [4] Giovanni Pasqualino, Antonino Furnari, and Giovanni Maria Farinella. "A multi camera unsupervised domain adaptation pipeline for object detection in cultural sites through adversarial learning and self-training". In: *Computer Vision and Image Understanding* (2022), p. 103487. ISSN: 1077-3142. DOI: <https://doi.org/10.1016/j.cviu.2022.103487>.
- [5] Ronja Möller, Antonino Furnari, Sebastiano Battiato, Aki Härmä, and Giovanni Maria Farinella. "A Survey on Human-aware Robot Navigation". In: *Robotics and Autonomous Systems* (2021).
- [6] Dima Damen, Hazel Doughty, Giovanni Maria Farinella, Antonino Furnari, Evangelos Kazakos, Jian Ma, Davide Moltisanti, Jonathan Munro, Toby Perrett, Will Price, and Michael Wray. "Rescaling Egocentric Vision". In: *International Journal on Computer Vision (IJCV)* abs/2006.13256 (2021). URL: <http://epic-kitchens.github.io/2020-100>.
- [7] Ivan Rodin, Antonino Furnari, Dimitrios Mavroedis, and Giovanni Maria Farinella. "Predicting the Future from First Person (Egocentric) Vision: A Survey". In: *Computer Vision and Image Understanding* 211 (2021), p. 103252. ISSN: 1077-3142. DOI: <https://doi.org/10.1016/j.cviu.2021.103252>. URL: <https://www.sciencedirect.com/science/article/pii/S1077314221000965>.
- [8] Giovanni Pasqualino, Antonino Furnari, Giovanni Signorello, and Giovanni Maria Farinella. "An Unsupervised Domain Adaptation Scheme for Single-Stage Artwork Recognition in Cultural Sites". In: *Image and Vision Computing* 107 (2021). ISSN: 0262-8856. DOI: <https://doi.org/10.1016/j.imavis.2021.104098>.
- [9] S. Orlando, A. Furnari, and G. M. Farinella. "Egocentric Visitor Localization and Artwork Detection in Cultural Sites Using Synthetic Data". In: *Pattern Recognition Letters - Special Issue on Pattern Recognition and Artificial Intelligence Techniques for Cultural Heritage* (2020). URL: <https://iplab.dmi.unict.it/SimulatedEgocentricNavigations/>.
- [10] Daniele Di Mauro, Antonino Furnari, Giuseppe Patanè, Sebastiano Battiato, and Giovanni Maria Farinella. "SceneAdapt: Scene-based domain adaptation for semantic segmentation using adversarial learning". In: *Pattern Recognition Letters* 136 (2020), pp. 175 –182. ISSN: 0167-8655. DOI: <https://doi.org/10.1016/j.patrec.2020.06.002>.
- [11] Dima Damen, Hazel Doughty, Giovanni Maria Farinella, Sanja Fidler, Antonino Furnari, Evangelos Kazakos, Davide Moltisanti, Jonathan Munro, Toby Perrett, Will Price, and Michael Wray.

- “The EPIC-KITCHENS Dataset: Collection, Challenges and Baselines”. In: *IEEE Transactions on Pattern Analysis and Machine Intelligence (PAMI)* 43.11 (2021), pp. 4125–4141. DOI: [10.1109/TPAMI.2020.2991965](https://doi.org/10.1109/TPAMI.2020.2991965). URL: <https://epic-kitchens.github.io/>.
- [12] Antonino Furnari and Giovanni Maria Farinella. “Rolling-Unrolling LSTMs for Action Anticipation from First-Person Video”. In: *IEEE Transactions on Pattern Analysis and Machine Intelligence (PAMI)* 43.11 (2021), pp. 4021–4036. DOI: [10.1109/TPAMI.2020.2992889](https://doi.org/10.1109/TPAMI.2020.2992889). URL: <https://iplab.dmi.unict.it/rulstm>.
- [13] F. Ragusa, A. Furnari, S. Battiato, G. Signorello, and G. M. Farinella. “EGO-CH: Dataset and Fundamental Tasks for Visitors Behavioral Understanding using Egocentric Vision”. In: *Pattern Recognition Letters - Special Issue on Pattern Recognition and Artificial Intelligence Techniques for Cultural Heritage* (2020). URL: <https://iplab.dmi.unict.it/EGO-CH/>.
- [14] Emiliano Spera, Antonino Furnari, Sebastiano Battiato, and Giovanni M. Farinella. “EgoCart: a Benchmark Dataset for Large-Scale Indoor Image-Based Localization in Retail Stores”. In: *IEEE Transactions on Circuits and Systems for Video Technology* 31 (4 2021), pp. 1253–1267. DOI: [10.1109/TCSVT.2019.2941040](https://doi.org/10.1109/TCSVT.2019.2941040). URL: <https://iplab.dmi.unict.it/EgocentricShoppingCartL>.
- [15] Filippo L.M. Milotta, Antonino Furnari, Sebastiano Battiato, Giovanni Signorello, and Giovanni M. Farinella. “Egocentric Visitors Localization in Natural Sites”. In: *Journal of Visual Communication and Image Representation* (2019), p. 102664. ISSN: 1047-3203. DOI: <https://doi.org/10.1016/j.jvcir.2019.102664>.
- [16] Daniele Di Mauro, Antonino Furnari, Giuseppe Patane’, Sebastiano Battiato, and Giovanni Maria Farinella. “Estimating the occupancy status of parking areas by counting cars and non-empty stalls”. In: *Journal of Visual Communication and Image Representation* 62 (2019), pp. 234–244. ISSN: 1047-3203.
- [17] Francesco Ragusa, Antonino Furnari, Sebastiano Battiato, Giovanni Signorello, and Giovanni Maria Farinella. “Egocentric Visitors Localization in Cultural Sites”. In: *Journal on Computing and Cultural Heritage (JOCCH)* 12.2 (2019), 11:1–11:19. ISSN: 1556-4673. DOI: [10.1145/3276772](https://doi.org/10.1145/3276772). URL: <http://iplab.dmi.unict.it/VEDI/>.
- [18] Luca Guarnera, Giovanni Maria Farinella, Antonino Furnari, Angelo Salici, Claudio Ciampini, Vito Matranga, and Sebastiano Battiato. “Forensic analysis of handwritten documents with GRAPHJ”. In: *Journal of Electronic Imaging (JEI)* 27.5 (2018), p. 051230. DOI: [10.1117/1.JEI.27.5.051230](https://doi.org/10.1117/1.JEI.27.5.051230).
- [19] Antonino Furnari, Sebastiano Battiato, and Giovanni Maria Farinella. “Personal-Location-Based Temporal Segmentation of Egocentric Video for Lifelogging Applications”. In: *Journal of Visual Communication and Image Representation* 52 (2018), pp. 1–12. ISSN: 1047-3203. DOI: <https://doi.org/10.1016/j.jvcir.2018.01.019>. URL: <http://iplab.dmi.unict.it/PersonalLocationSegmentation/>.
- [20] Vito Santarcangelo, Giovanni Maria Farinella, Antonino Furnari, and Sebastiano Battiato. “Market Basket Analysis from Egocentric Videos”. In: *Pattern Recognition Letters* 112 (1 2018), pp. 83–90. DOI: <https://doi.org/10.1016/j.patrec.2018.06.010>. URL: <http://iplab.dmi.unict.it/vmba15>.
- [21] Antonino Furnari, Giovanni Maria Farinella, Arcangelo Ranieri Bruna, and Sebastiano Battiato. “Distortion Adaptive Sobel Filters for the Gradient Estimation of Wide Angle Images”. In: *Journal of Visual Communication and Image Representation* 46 (2017), pp. 165–175. DOI: [10.1016/j.jvcir.2017.03.019](https://doi.org/10.1016/j.jvcir.2017.03.019). URL: <http://iplab.dmi.unict.it/DASF/>.
- [22] Antonino Furnari, Sebastiano Battiato, Kristen Grauman, and Giovanni Maria Farinella. “Next-active-object prediction from egocentric videos”. In: *Journal of Visual Communication and Image Representation* 49.Supplement C (2017), pp. 401–411. ISSN: 1047-3203. DOI: <https://doi.org/10.1016/j.jvcir.2017.03.019>.

[org/10.1016/j.jvcir.2017.10.004](http://dx.doi.org/10.1016/j.jvcir.2017.10.004). URL: <http://iplab.dmi.unict.it/NextActiveObjectPrediction/>.

- [23] Antonino Furnari, Giovanni Maria Farinella, and Sebastiano Battiato. "Recognizing Personal Locations From Egocentric Videos". In: *IEEE Transactions on Human-Machine Systems* 47.1 (2017), pp. 6–18. ISSN: 2168-2291. DOI: [10.1109/THMS.2016.2612002](https://doi.org/10.1109/THMS.2016.2612002). URL: <http://iplab.dmi.unict.it/PersonalLocations/>.
- [24] Antonino Furnari, Giovanni Maria Farinella, Arcangelo Ranieri Bruna, and Sebastiano Battiato. "Affine Covariant Features for Fisheye Distortion Local Modeling". In: *IEEE Transactions on Image Processing* 26.2 (2017), pp. 696–710. ISSN: 1057-7149. DOI: [10.1109/TIP.2016.2627816](https://doi.org/10.1109/TIP.2016.2627816). URL: <http://iplab.dmi.unict.it/FisheyeAffine/>.
- [25] Sebastiano Battiato, Giovanni Maria Farinella, Antonino Furnari, Giovanni Puglisi, Anique Snijders, and Jelmer Spiekstra. "An integrated system for vehicle tracking and classification". In: *Expert Systems with Applications* 42.21 (2015), pp. 7263–7275. DOI: [10.1016/j.eswa.2015.05.055](https://doi.org/10.1016/j.eswa.2015.05.055). URL: <http://www.sciencedirect.com/science/article/pii/S0957417415003917>.

CONFERENZE E WORKSHOP INTERNAZIONALI

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