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Google Scholar:

https://scholar.google.com/citations?hl=en&user=CCW8PwkAAAAJ&view_op=list_works&sortby=pubdateAcademic Degrees

2015 **Fellow IEEE**; 2015 **Fellow IET**; 2018 **Fellow of ELLIS** (<https://ellis.eu/fellows>) 2015 **DSc** and 1993 **PhD**, Bulgarian Academy of Sciences; 1989 **MEng** in Automatics and Electronics, Sofia Technical University, Bulgaria

Positions

2013-now **Professor** of Intelligent Systems, School of Computing and Communications (SCC), Lancaster University (LU), UK; 2011-13 **Reader** in Computational Intelligence, SCC, LU, UK; 2007-10 **Senior Lecturer**, Department of Communication Systems (DCS), LU, UK; 2003-07 **Lecturer B** (grade 8), DCS, LU, UK; 1998-03 **Research Fellow** (grade 8), Loughborough University, UK; 1993-98 **Research Fellow** (grade I – the highest), Bulgarian Academy of Sciences, Sofia, Bulgaria

Selected visiting positions

2025-2026 **Visiting Professor**, Pi School of the Phi Lab of the European Space Agency, Italy. 2021-2022 **Visiting Fellow**, Institute of Advanced Studies, Loughborough University; 2017 **Visiting Professor**, University of California at Los Angeles (UCLA), USA; 2016 and 2015 **Visiting Professor**, University of Florida, USA; March-September 2015 **Santander Chair of Excellence**, University Carlos III, Madrid, Spain; 2014 **Visiting Professor**, Ecole de Mines, Douai, France; 2007 **Visiting Professor**, University of Ostfalia, Germany; 2006 **Visiting Fellow**, Johannes Kepler University, Linz, Austria; 2005 **Visiting Fellowship**, University of Campinas, Brazil; January-December 1997 **Visiting Research Fellow**, Catholic University of Louvain, Belgium; 1996 **Visiting Research Fellow**, Hans Knoell Institute, Jena, Germany

Selected Awards

2021 **Dennis Gabor Award** “for outstanding contributions to engineering of neural networks”; 2017 **IEEE Outstanding Award**; 2013 IEEE and INNS **Outstanding Service Recognition Award**; 2015 Honorary Professor, Technical University of Sofia, Bulgaria; 2017-2019 IEEE Distinguished Lecturer; multiple **best paper awards** (MSN 2022, IEEE CYBCONF 2013, IEEE IS-2012, IEEE SCCI 2009); 2020 Editorial Excellence Award (Springer Nature for Evolving Systems journal EiC)

Research Leadership (selected roles)

Director of Research, SCC, 2020-; **Founding Director** of LIRA Centre (www.lancaster.ac.uk/lira), 2018-; **Governor** of SMC Society, IEEE and of the INNS; **Co-Director** *Human-Centred Machine Learning* programme of **ELLIS**; past **Vice President on Conferences**, **INNS**, 2017-2020, past **Chair of the Standards Committee**, CIS, IEEE (2010-11), initiated XAI standard of IEEE (P2976)

Publications summary

Over 400 publications which attracted **18000+ citations**, **h-index 66** (*i-10 index 231*), including:

- **3 research monographs**, which set new directions of research;
- **over 130 peer reviewed journal papers** mostly with **high impact factor**;
- **over 180 papers in peer reviewed proceedings of international conferences** (mostly highly prestigious conferences like IEEE, CVPR, ICLR, NeurIPS, ICCV)
- 5 edited books (one also translated in Mandarin and another one 2nd edition)
- 22 conference proceedings published as edited volumes
- 27 chapters in books
- 7 filed patents (**3 granted in USA**)

Angelov is ranked top 0.1% (205th out of 215,114 researchers) in the world in AI research according to a Stanford University (Ioannidis J.P.A. et al, 2020) Updated science-wide author databases of standardized citation indicators. PLoS Biology 18(10):e3000918.doi:10.1371/journal.pbio.3000918).

Externally Funded Research Projects

Over **30 grants** awarded (mostly in the last 10 years), 20 of them as PI funded by UKRI, EPSRC, NERC, InnovateUK, Faraday Institution, EC, The Royal Society, European Space Agency, DSTL, GCHQ, Regional growth Fund, England) as well as industry (BAE Systems, Ford, ect.). Examples of recent relevant projects include:

- *ELSA: European Lighthouse for Safe and Secure AI* (10M€, EC, 2022-2025, 0.5M€ for Lancaster, leading a Work Package and a Grand Challenge);
- *TAS-S: Trustworthy Autonomous Systems – Security Node* (£3M, UK Research Council EPSRC, EP/V026763/1, 2020-2024, col, £1.8M for Lancaster)
- *AI4EO: Towards explainable AI for Earth Observation - a new frontier to gain trust into the AI* (180K€, ESA, 2021-2024, PI).
- *TAILOR: Foundations of Trustworthy AI - Integrating Learning, Optimization and Reasoning* (12M€, EC, 2022-2023, 0.2M€ for Lancaster)
- *ELISE: European Learning and Intelligent Systems Excellence*, (12M€, EC, 2022-2023)
- *Target-Aware High-Quality Video Generation via 3D CNN based Self-Supervised Adversary Learning* (£53K, Huawei, 2020)
- *Transparent deep learning classifier of driving scenarios*, (\$150K, Ford, 2018-2021)

Editorial Activities

Founding Editor-in-Chief of the *Evolving Systems* (Springer Nature), ISSN 1868-6478, since 2009, impact factor (IF) **3.2**; **Associate Editor** of: *IEEE Transactions on Cybernetics* (IF **19.118**); *IEEE Transactions on Fuzzy Systems* (IF **12.253**); *IEEE Transactions on Artificial Intelligence* (ISSN: 2691-4581); *Soft Computing* (Springer, ISSN 1432-7643, IF **3.64**); *Complex and Intelligent Systems*, Springer (ISBN: 2198-6053, IF **6.7**) and others. **Founding co-Editor-in-Chief of the book series Proceedings of INNS (Springer), ISSN 2661-815X, since 2019.**

Organisation of Scientific Conferences

General (co-) Chair of over 30 International Conferences including the premier IEEE conference on neural networks such as the 32nd *International Joint Conference on Neural Networks, IJCNN-2013*, Dallas, USA, [31st International Conference on Artificial Neural Networks, ICANN 2023, Crete, Greece](#), *Inaugural INNS Conference on Big Data*, 2015, San Francisco, CA, USA.

Founding General co-Chair of annual IEEE conferences on *Evolving Intelligent Systems* since 2006, *IEEE Symposium on Evolving and Autonomous Learning Systems, EALS* within the *IEEE Symposium Series on Computational Intelligence, SSCI* since 2014 as well as *IEEE Symposium on Deep Learning* within SSCI since 2017, organized and co-chaired several high profile workshops on human-centred machine learning and intelligence at NeurIPS (2019, 2021, 2022), PerConAI'22 and PerConAI'23, ICLR2020, DALI2019 and one organized by ELLIS (2021).

Co-Chair of the Program Committee of 10 major International Conferences, including *International Conference on Artificial Neural Networks, ICANN-2022*, 6-9 Sept. 2022, Bristol; *FUZZ-IEEE-2022* within the *World Congress on Computational Intelligence, WCCI2022*, Padua, Italy, 18-23 July 2022; *International Joint Conference on Neural Networks, IJCNN2019*, 9-14 July 2019, Budapest, Hungary, *FUZZ-IEEE-2018* within *WCCI2018*, Rio de Janeiro, Brazil; *IJCNN2016* Vancouver, Canada; *7th IEEE International Symposium on Intelligent Systems, 2016 (IS'16)*, Sofia, Bulgaria; *FUZZ-IEEE-2014* within *WCCI2014*, Beijing, China; *IS'14*, 2014, Warsaw, Poland; *IEEE International Conference on Cybernetics, CYBCONF-2013*, Lausanne, Switzerland, 2013.

Publications Chair of top conferences such as *SSCI-2014*, Orlando, FL, USA, *FUZZ-IEEE 2007*, London and *EANN 2016*, 3-5 September 2018, Bristol. **Area Chair** of top conferences such as the *2017 IEEE Systems, Man and Cybernetics (SMC) Conference*, Banff, Canada and *IS'10*, London, 2010. **Awards Chair** of *IJCNN2023*, Golden Coast, Australia and *IJCNN2015*, Killarney, Ireland. **Tutorials Chair**, *WCCI2020*, Glasgow, Scotland. **Advisory/Honorary Committee member** of a number of conferences. **Senior Program Committee (PC) Member of two editions of the premier AI conference International Joint Conference on AI**: i) the 25th edition (*IJCAI-2016*, 9-15 July 2016, New York City, USA), and ii) the 28th edition (*IJCAI-2019*, 10-16 August 2019, Macao). **Regularly invited to join PC and organize tutorials and chair special sessions** at major conferences.

Key note talks

Over 30 keynote talks at International Conferences (most of them during the last 5 years). **IEEE Distinguished Lectures** given in Cancun, Mexico (2017); Ottawa, Canada (2018); Intel, Santa Clara, CA, USA (2019). A number of **invited talks** in places such as Facebook, Menlo Park, CA (2019 and 2021), Intel, Santa Clara, CA (2019), Ford's Greenfield Lab, Palo Alto, CA (2017 and 2019), Ford Research and Innovation, Dearborn, MI, USA (2005), Honeywell, Phoenix, AZ, USA (2009), CEPISA, Madrid (2018), The Dow Chemicals USA (2005), University of Oxford (2009), University of Florida (2016), UCLA (2017), TU Delft (1997), Catholic University of Leuven (1997).