Simone Bianco

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ASSOCIATE EDITOR

● Elsevier Pattern Recognition, ● IET Signal Processing, ● IEEE Access

CONF. PC AND CHAIR

● ICCV - International Conference on Computer Vision, ● CVPR - Computer Vision and Pattern Recognition, ● ICPR - International Conference on Pattern Recognition, ● AAAI Conference on Artificial Intelligence

ASSOCIATION

● CVPL - Italian Association for Computer Vision, Pattern recognition and Machine Learning.
● AIxIA - Italian Association for Artificial Intelligence.

MEMBERSHIP

Ellis - European Laboratory for Learning and Intelligent Systems

CURRENT

UNIVERSITY OF MILANO-BICOCCA | Associate Professor

Nov 2019 – current
Associate Professor of Computer Science at the Department of Informatics, Systems and Communication

ITALIAN NATIONAL ACADEMIC QUALIFICATION AS FULL PROFESSOR

2020 – 2029
Information Engineering (09/H1)
2020 – 2029
Computer Science (01/B1)

EDUCATION

DOCTOR OF PHILOSOPHY

2007 – 2010 | University of Milano-Bicocca
PhD in Computer Science

MASTER'S DEGREE

2003 – 2006 | University of Milano-Bicocca
MSc in Mathematics

BACHELOR'S DEGREE

2000 – 2003 | University of Milano-Bicocca
BSc in Mathematics

RESEARCH ACTIVITY

RESEARCH INTERESTS

Machine and Deep Learning, Computer Vision, Image Processing, Optimization Algorithms

PUBLICATIONS

● More than 40+ articles on peer-reviewed international journals indexed by Scopus and Web of Science. ● More than 60 peer-reviewed articles on international conferences. ● 3 international patents.

FUNDINGS

Public fundings in the area of Smart Home, Wellbeing, Intelligent Vehicle from the Lombardia Region in partnership with ST Microelectronics, Fondazione Gualtiero Marchesi and others. Private fundings in the area of Audio Analysis and Color Imaging from Huawei Ltd, and Intelligent Radio Communication from MBDA Spa.

SELECTED RECENT PUBLICATIONS

[1] S. Bianco, M. Buzzelli, G. Ciocca, and R. Schettini. Neural architecture search for image saliency fusion. *Information Fusion*, 57:89–101, 2020.

[2] S. Bianco, C. Cusano, F. Piccoli, and R. Schettini. Personalized image enhancement using neural spline color transforms. *IEEE Transactions on Image Processing*, 29:6223–6236, 2020.

[3] S. Bianco and P. Napoletano. Biometric recognition using multimodal physiological signals. *IEEE Access*, 7:83581–83588, 2019.