

# Davide Verzotto

*Assistant Professor of Computer Science*



**Davide Verzotto, Eng, PhD**

Davide Verzotto is an Assistant Professor of Computer Science at the Centre for Higher Defence Studies (CASD) – School of Advanced Defence Studies of the Italian Defence General Staff, Ministry of Defence, particularly focusing in the fields of *algorithms on strings, information intelligence and pattern discovery, bioinformatics and computational biology, data mining and machine learning (artificial intelligence)*.

He graduated in **Computer Science & Engineering** from the University of Padova (*summa cum laude*) and obtained his Ph.D. in Information Engineering from the same university in 2012. Before this, he was a Visiting Scholar at the University of California, Riverside, Postdoctoral Fellow and Research Fellow at A\*STAR Genome Institute of Singapore and the University of Pisa, Re-

searcher (level III) at the CNR of Pisa, Institute of Informatics and Telematics and ISBEM, Visiting Professor at the University of Tunis El Manar, Lecturer at the University of Padova and, recently, **Adjunct Professor of Data Mining and Machine Learning** at the University of Pisa.

Davide has obtained several important awards, including the prestigious award of **best young researcher** in the I.C.T. field for the Triveneto area (Veneto Research Consortium, A.Y. 2011–12), **two Marie Curie–ERCIM “Alain Bensoussan” Career Development Enhancer fellowships (ABCD-E)**, two prestigious individual grants from the Eng. Aldo Gini Foundation and the University of Padova, the qualification to the profession of Information Engineer (2009) and is also the main inventor in an international patent application in Bioinformatics and author of the best paper at the DEXA-BIOKDD 2019 conference.

Author of over 36 works, both theoretical and applied, including several articles in prestigious international Computer Science and Algorithmic journals and conferences, two articles in computational journals with impact factor  $>7$  and several collaborations with industry (e.g. Procter & Gamble), he has been the main speaker in over 31 international scientific presentations, co-Advisor of two Ph.D. students at the University of Tunis El Manar, **Project Coordinator** of the ERASMUS+ KA107 International Credit Mobility Programmes 2018–20 and 2019–21 between the University of Pisa and

the University of Tunis El Manar, formal Coordinator of Research Network/**Principal Investigator** for the CNR within Horizon 2020 and MSCA, and Program Committee Chair of DEXA-BIOKDD 2021; currently, he is a permanent Topic Editor of Algorithms journal and achieved an average rating of *excellent* in the 2015–19 Italian national research quality assessment (ANVUR VQR).

Research fields:

*(String) Algorithms & Data Structures; Bioinformatics & Computational Biology/ Genomics; Combinatorics on Words, Data Indexing & Compression, Information Theory; Machine Learning & Big Data Analytics; Pattern Discovery, Information Intelligence & Scalable Data Mining.*