**Umberto Michelucci** studied physics and mathematics and received its master from the University of Florence (Italy). He gained research experience at the George Washington University (USA) and the University of Augsburg (DE). He is an expert in numerical simulation, statistics, data science and machine learning. His is author of the books “Applied Deep Learning – A Case-Based Approach to Understanding Deep Neural Networks” and “Advanced Applied Deep Learning - Convolutional Neural Networks and Object Detection”. He is a lecturer at the University of Applied Sciences (Switzerland) on Deep Learning and Neural Networks Theory and Applications and at the University of Applied Sciences in Business Administration Zurich (Switzerland) on Big Data Analysis. He is a co-founder of TOELT LLC, a company aiming to promote research and education in AI and is a “Google Developer Expert” in Machine Learning.

**Francesca Venturini** received her Ph.D. in physics from the Technical University of Munich (Germany) in 2003. From 2003 to 2013 she gained practical experience in industrial research and development. In 2013 she joined the Institute of Applied Mathematics and Physics of the Zurich University of Applied Sciences (Switzerland), where she is a full professor of applied optics. Additional to teaching, she works in applied research in close contact with industrial partners. Her research interests are the field of optical sensing, with focus on luminescence spectroscopy and tunable-diode laser absorption spectroscopy. She is a co-founder of TOELT LLC, a company aiming to promote research and education in AI.