PULSUS
WWW.PULSUS.COM

6th International Conference on

NANOTECHNOLOGY AND NANOMEDICINE

Sebastiano Galazzo, Nanotechnol Lett,
Volume 07

July 25, 2022 | Webinar

Machine learning - Best practices and vulnerabilities

Sebastiano Galazzo
Sistem-evo, Italy

Artificial Intelligence and Machine Learning are a must nowadays. For projects carrying a simple or well-known problem we can find a lot of ready-made solutions, but the game changes when facing with specific custom problems. The first part of this session is a deep down on techniques approaches and best practices in configuring ML algorithms but much more, do we really need it always? The second part will cover vulnerabilities of ML, discovering how easy could be to fool and to hack a neural network by some techniques and their implication in security.

Recent Publications

1) Sebastiano Galazzo. Windows Phone: HDR I - Implementing High Dynamic Range filters using Nokia Imaging SDK

2) Sebastiano Galazzo. Windows Phone: Neural Network based Image Processing

3) Sebastiano Galazzo. Windows Phone: Face Recognition using 2D Fast Fourier Transform.

Biography

Sebastiano Galazzo is an artificial intelligence researcher. Winner of two AI awards, he has been working in AI and machine learning for 20 years, designing and developing AI and computer graphic algorithms. Very passionate about AI, interested in technologies focused on image and natural language processing, and predictive analysis. He received several national and international awards that recognize his work and contributions in these areas.

Sebastiano.galazzo@gmail.com