

Università degli Studi di Trieste

Dipartimento di Fisica

Alumnorum Colloquia

Giulio Alessandrini

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Tuesday, April 4, 4.00 PM - Lecture Room A, F building, Physics Dept. - via Valerio, 2 – Trieste

From colors to deep learning: a physicist playing with images.

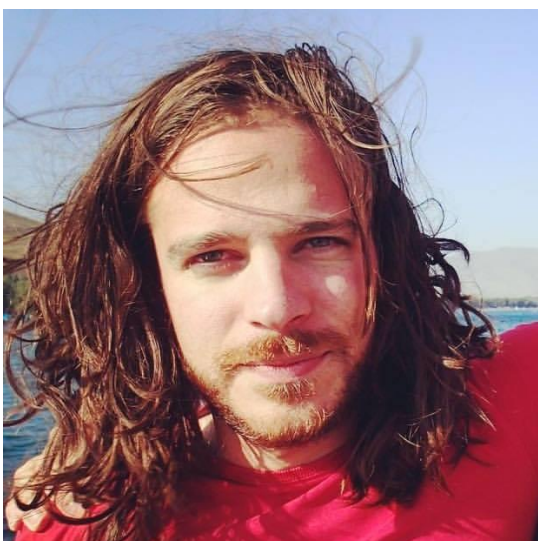
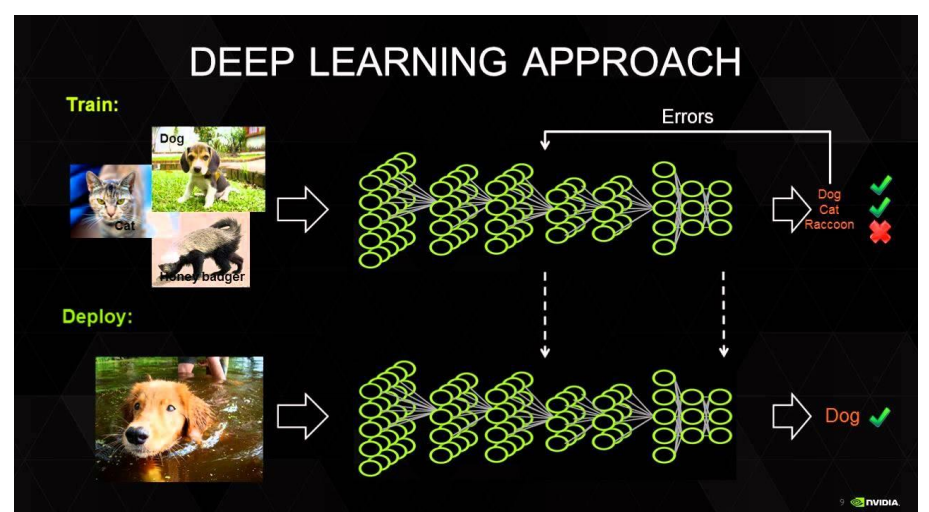


Image processing has been since many years at the forefront of computer science and the recent, exciting developments in deep learning applied to computer vision aroused the interest in the field even more. However, while the old style image processing pipelines were very well understood and relied on solid mathematical arguments, the more modern neural networks often seem like a

black magic solution to a badly defined problem. In this talk, I will try to shed some light on the matter, comparing old algorithms and new approaches, and show with simple examples how to build and train a network to solve a computer vision task.



Organizzazione a cura di: M. Budinich, E. Milotti, E. Vesselli

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Everyone interested in the topic is welcome to attend

Informazioni: seminari@ts.infn.it