



Ottavo incontro sulla visione industriale



UNIVERSITÀ DI PAVIA



Gian Paolo Ghilardi, Software Development Manager  
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22 Ottobre 2019



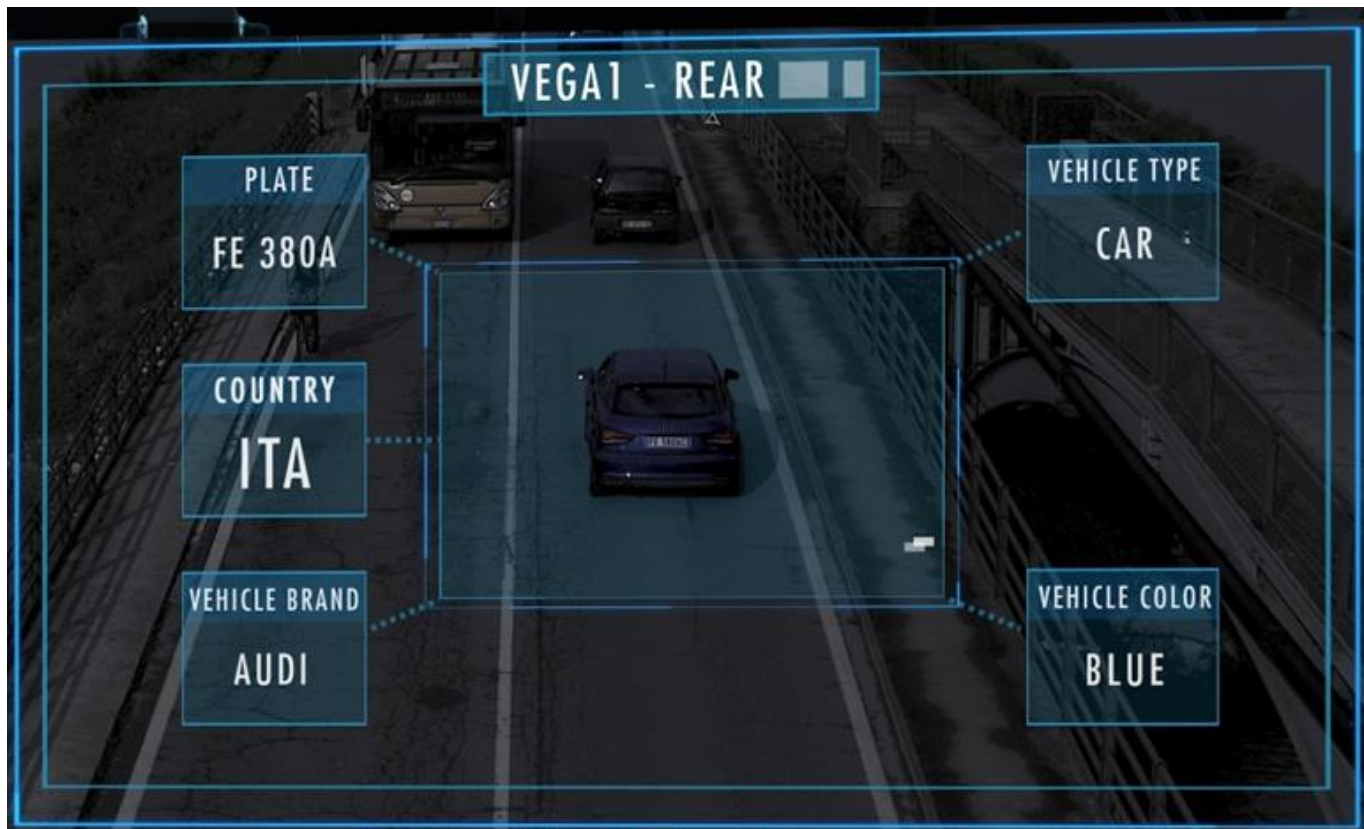
MIKROTRON

chromasens





# AAA: cercasi esperti di Computer Vision



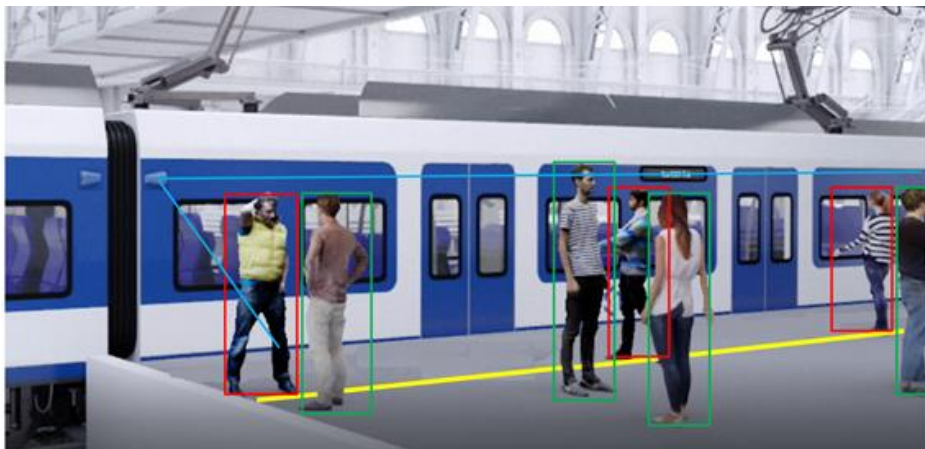
Targa  
Tipologia  
Modello  
Colore



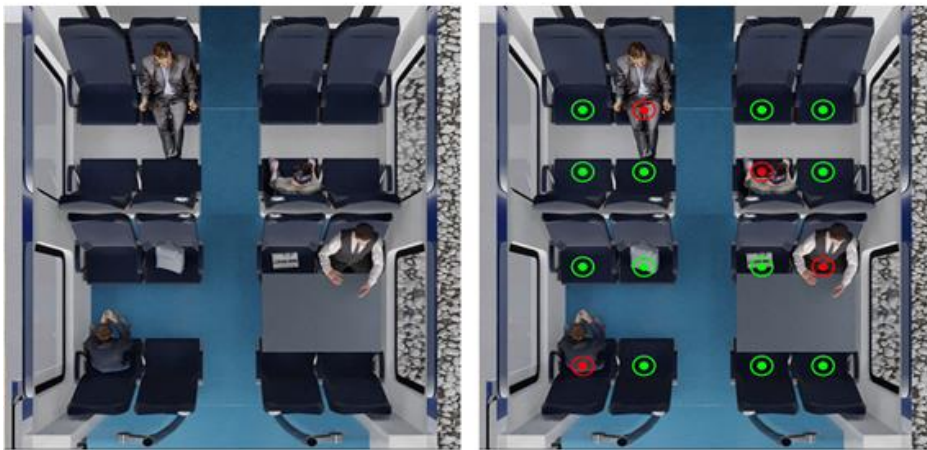
Age: 48 (0.00)  
Emotion: Not Smiling (0.58)  
Gender: Male (96.34)  
Ancestry: Caucasian (94.76)

Age: 35 (0.00)  
Emotion: Not Smiling (1.12)  
Gender: Male (89.02)  
Ancestry: Caucasian (90.48)

Età  
Emozioni  
Genere  
Fenotipo



# Video Analytics per applicazioni railways



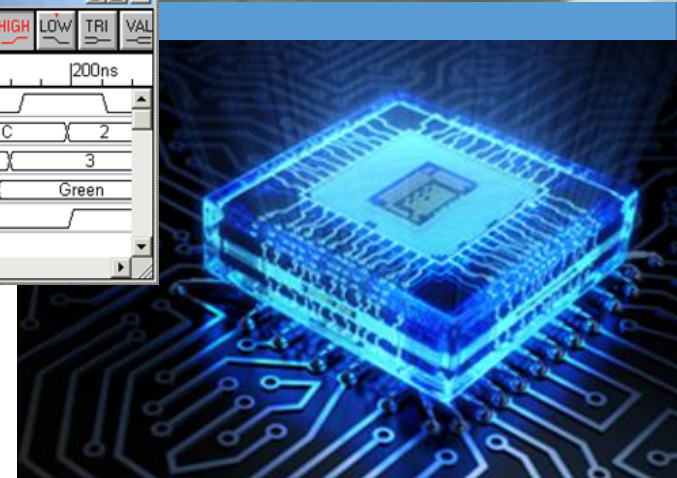
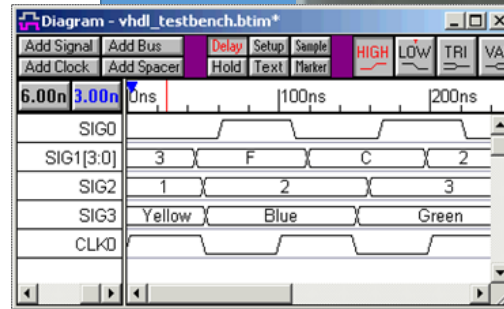
# FPGA

Analisi dei dati

Machine Learning / Deep Learning

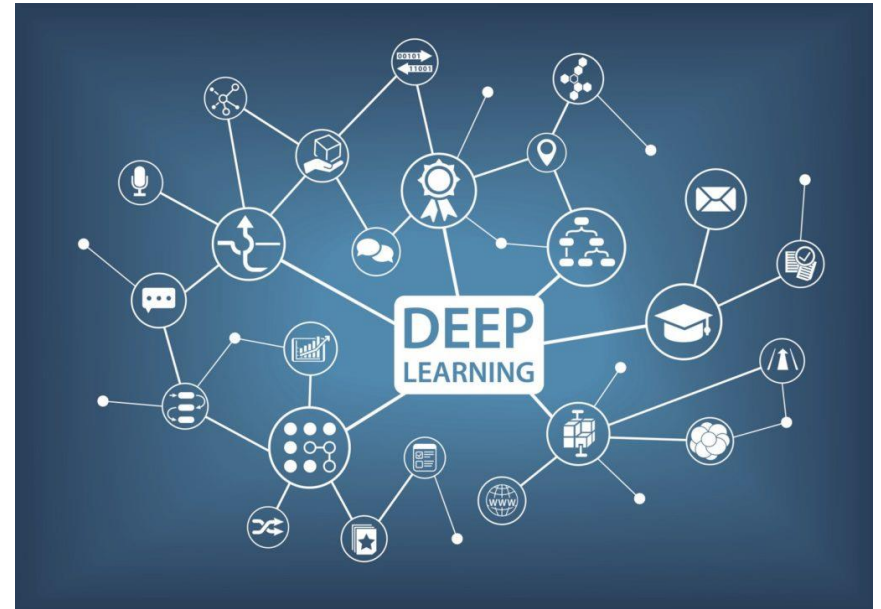
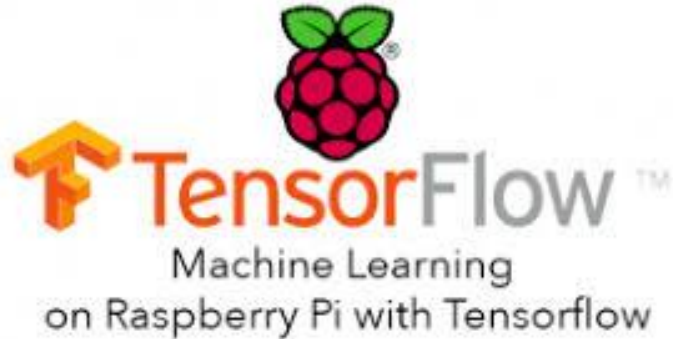
Video Transcoding

Computer Vision in Real Time



# Machine Learning everywhere

L'Intelligenza Artificiale è alla portata di tutti  
... anche nei Sistemi Embedded!  
... perfino in quelli didattici come una Raspberry!







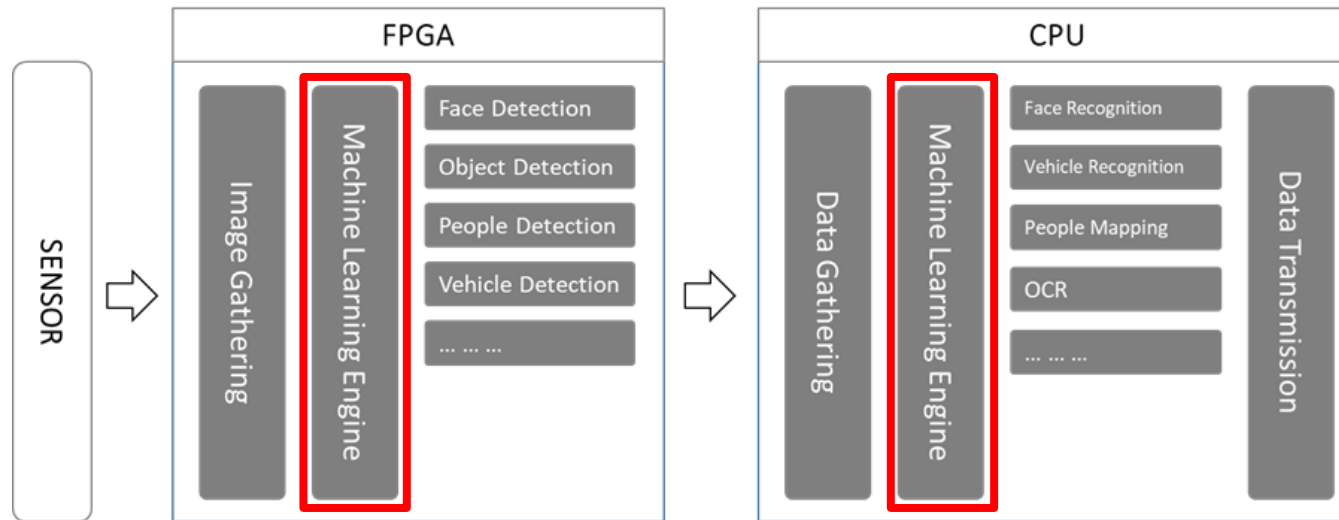
TensorFlow



Caffe2



# L'architettura delle nostre Smartcamere

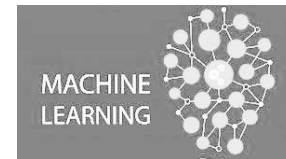


Suitable for:

- Precise tasks
- Fast tasks
- Simple tasks

Suitable for:

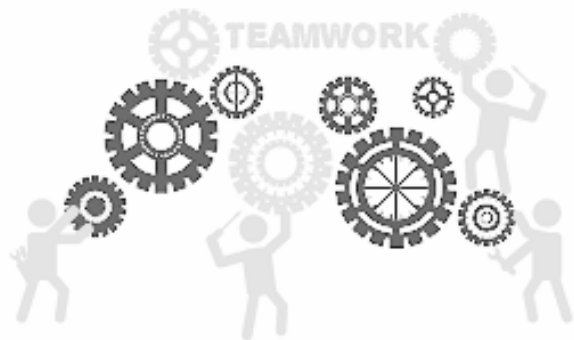
- Flexible tasks
- General purpose tasks
- Complex tasks



# Lavoro di gruppo

Ogni prodotto è frutto del lavoro di più gruppi

Dal design alla produzione, alla vendita e oltre



Hardware Design

Mechanical Design

FPGA

Embedded SW

Algorithms

HMI SW - UX / UI

Quality

After Sales





Vuoi sapere come sarebbe  
la TUA storia con noi?



# Con...Tattile!

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THANK YOU

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