

# AI enriched multispectral elaboration

to detect contaminants on  
steel surfaces

**SIEMENS**

*Ingenuity for life*

**Whirlpool**  
CORPORATION

DE LA RECHERCHE À L'INDUSTRIE

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**POLITECNICO**  
MILANO 1863

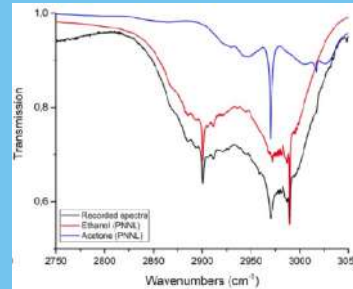
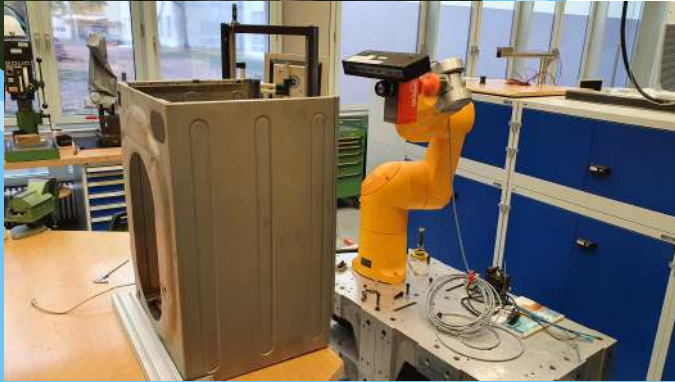
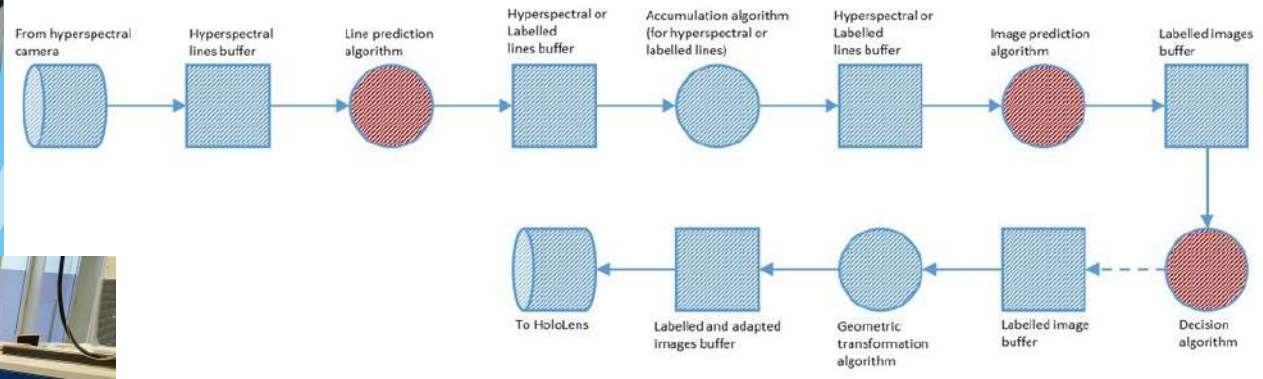


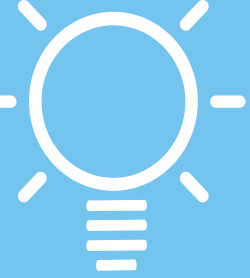
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Pierluigi Petrali | 11.11.2020



# Hyperspectral Imaging Surface Contamination Identification





# Business Benefit

- Reducing scraps avoiding that contaminated parts flow in further processing (e.g. Painting, Joining)
- Improve process knowledge of technicians through A/R

