

# Deep Learning in Space: DL-Space Solar Flares detection

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# Deep Learning in Space: Solar Flares detection



- *Programme: ITI*
- *Budget: 50 K€*
- *Duration: 12 months*
- *Prime: Politecnico di Torino*
- *Main Objectives:*
  1. Innovate image and data processing on-board using deep neural networks
  2. Apply technique to detection of solar flares
  3. Provide performance assessment
  4. Evaluate the possibility to put DNN on-board a spacecraft

