

# The Shape Evaluating Sensor: High Accuracy and Touchless

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The role of the early stage researcher 1.1 of the PACMAN project is to measure the position of the wire with the best possible accuracy. An evaluation of the wire lead to the conclusion that the dust would be a large source of uncertainties on its positioning. To reduce the chances of measuring some dust instead of the wire surface, a Shape Evaluating Sensor: High Accuracy and Touchless has been designed to be fitting with all the requirements of the PACMAN bench. The presentation will focus on the introduction of this sensor and the first tests and results obtained with its elements.

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