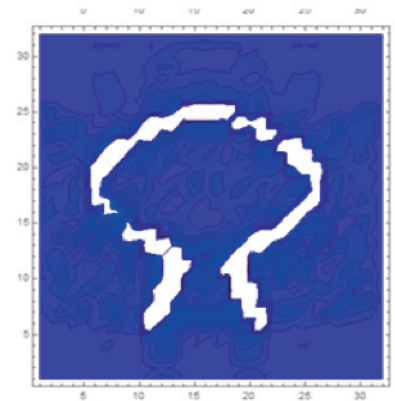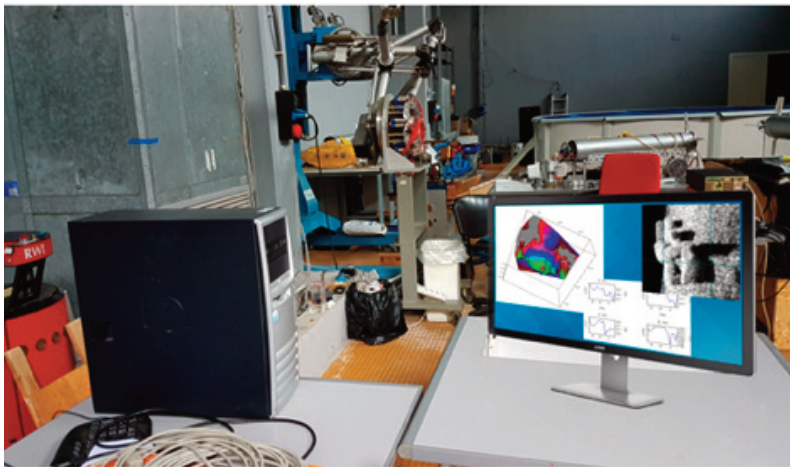# INTELLIGENT CLASSIFICATION TECHNOLOGIES, IDENTIFICATION AND VISUAL FRUITION

Innovations and Benefits - Intelligent and automatic classification based on mathematical algorithms: Methodologies and applications. They allow to recognize, classify and show categories of "features" to the user in different contexts; received as hypervisive support by the end user. Classification can be based on pre-existing categories or generated by the available data automatically.

Uses - Decision making support; strategic support to allow the robot to take decisions based on occurred events; Objects recognition and their characteristics (defects detection).

Past and present activities - Sonar signals recognition and classification; defects detection in materials by signals processing from different sources.

Characteristics: CUSTOM
Thanks to its flexibility, the service can be adjusted to different needs and contexts