

ELECTRONIC

SYSTEMS

SPECIALIZATION

Vigo, September 2021



Electronic Systems (SE)

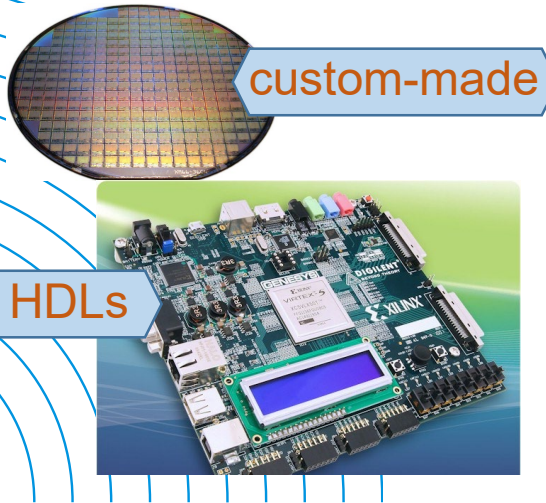
SE: Competencies/contents

Ability to design

Sensors

Digital systems

Embedded systems



communications

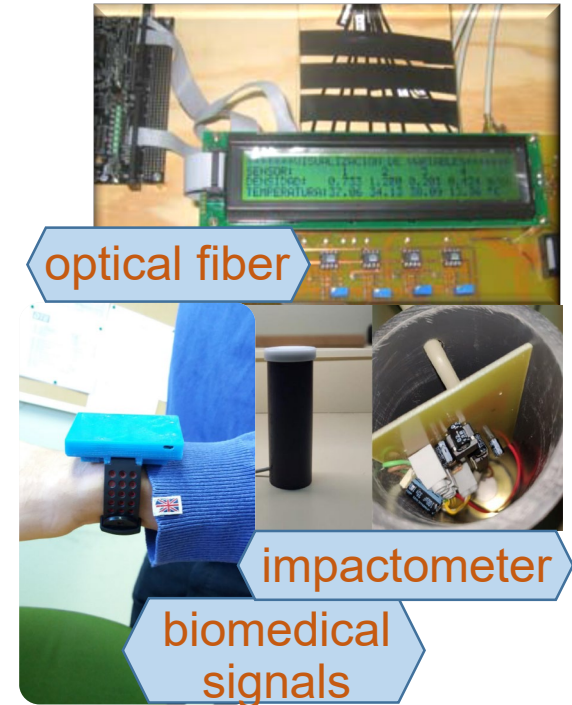
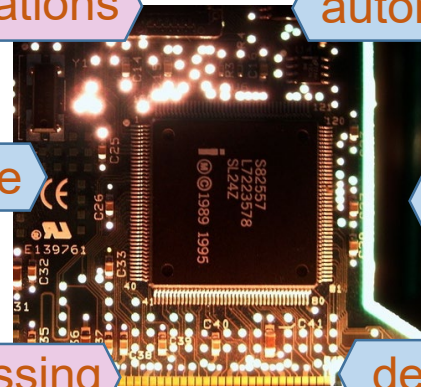
automation

medicine

industry

processing

devices



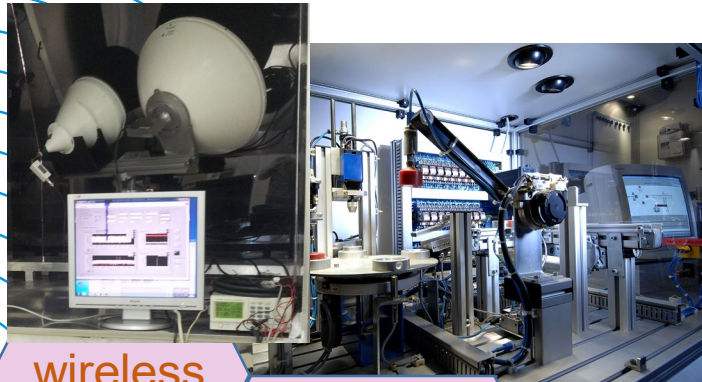
SE: Competencies/contents

Ability to design

Power electronics

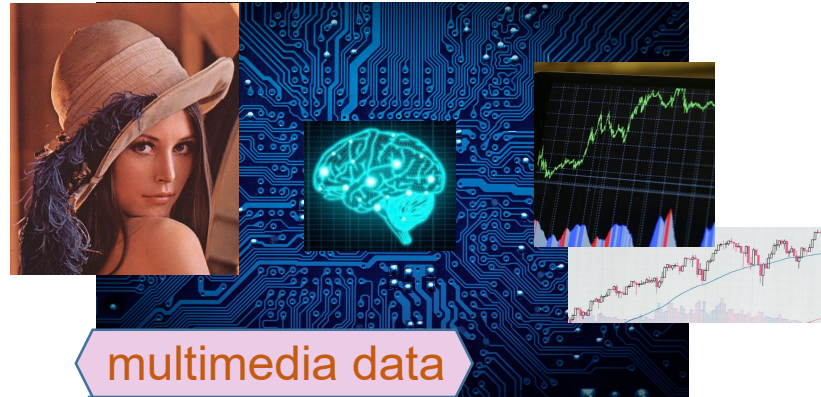
Communication systems

Processing systems



wireless

fieldbuses



multimedia data

smart devices



alternative energy



power supply

SE: Competencies/contents

Also

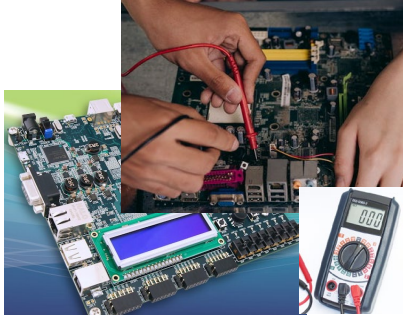
Software development

Instrumentation

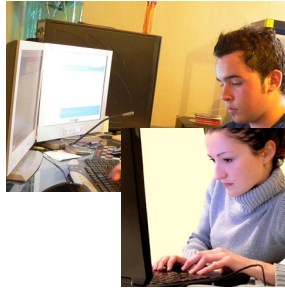
Reliable, safe and maintainable
design

Interference and Electromagnetic
Compatibility (EMC)

SE: Professional career and job market insertion



- Some of the graduates occupy positions related to the development and maintenance of **hardware systems**.



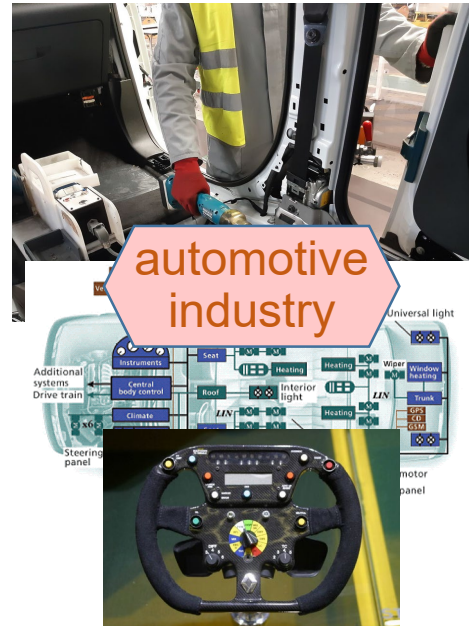
- There is also a high percentage dedicated to **software development**, or a combination of both.



- Once a certain level of experience has been acquired, it is possible to access the management of **R&D and Quality Management departments**.

SE: Professional career and job market insertion

Employment sphere



SE: Professional career and job market insertion

Also

Biomedical systems

Automation

Navigation

New technologies: Smart Sensor
Networks, Smart City/Home

