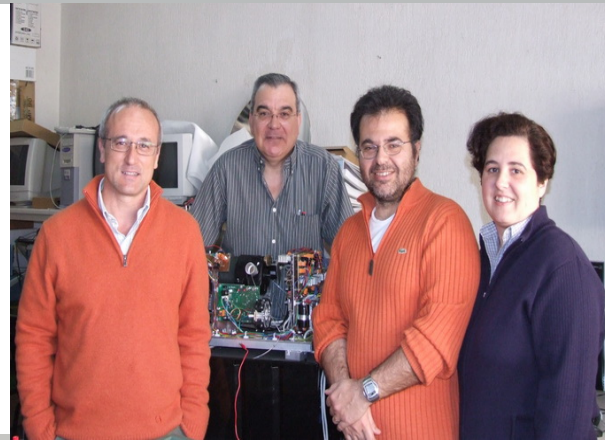




MICROELECTRONIC DESIGN GROUP (M.D.G)



INTRODUCTION

The research group of the Department of Electronics has a wide experience in the area of microelectronics. In the year 1994, this team participated in the creation of the first integrated circuit realized at University of Malaga. In addition, they were awarded the Spin-Off Program for a business idea based on the development of integrated circuits. Currently, the group specializes in the design of sensors and sensor arrays.

RESEARCH TOPICS

- Integrated circuits and electronic systems design.
- Analog and digital signal processing.
- Free space or unguided optical communications.
- Design of sensors and sensor arrays.
- Design of sensors and actuators based on graphene.

SCIENTIFIC-TECHNICAL SERVICES

- Integrated circuits and electronic systems design.
- Analog and digital signal processing.
- Artificial neuronal networks and genetic algorithms.
- Free space or unguided optical communications.
- Development of sensors and sensor arrays.

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