

The University of Mondragon

Research Field: Electrical Energy

Power Electronics to Control Electrical Energy

Design and Control Electrical Machines

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Basque Country: 2,5 Million people

Mondragón: 25.000 people



Industry

FAGOR
1956

Finance

CAJA LABORAL
1959

Retail

EROSKI
1969

Knowledge

MONDRAGON ESKOLA
POLITEKNIKOA 1943



ETEO 1960

1997

HUHEZI 1976

IKERLAN
1974

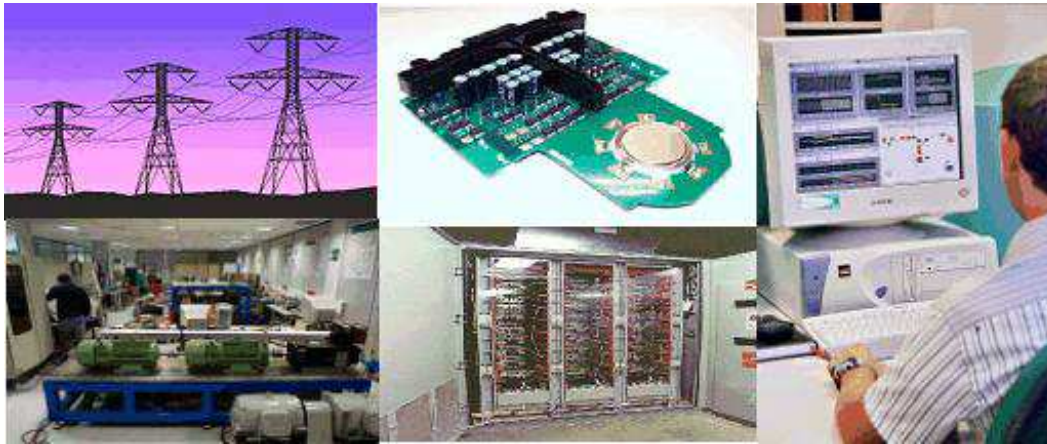
SAIOLAN
1984

Technological Center

ALECOP
1966

Center of creation of new companies

Company for students work



**Research field:
Electrical Energy**

Research team:

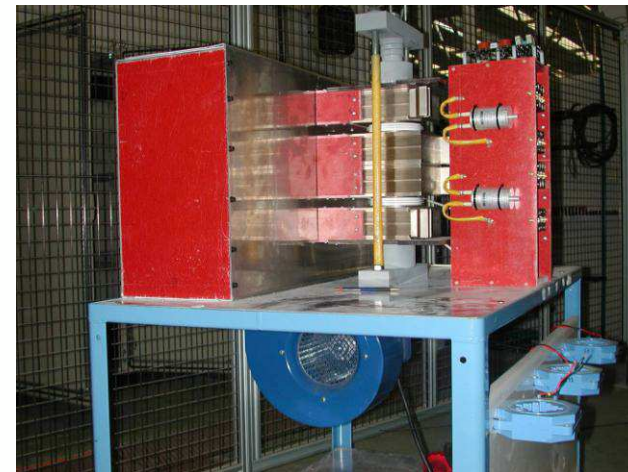
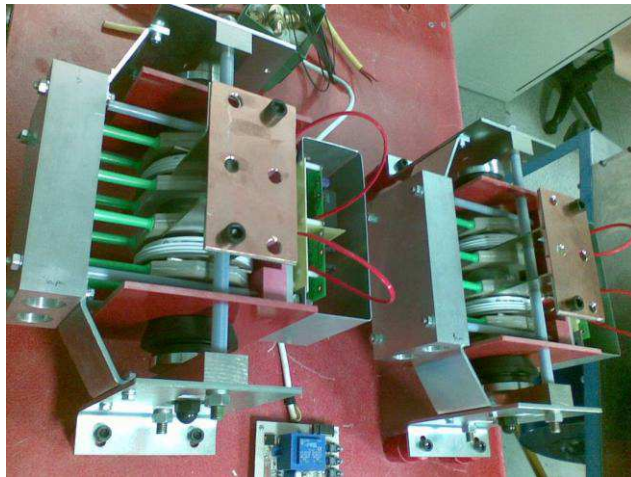
Power Electronics to Control Electrical Energy
Design and Control Electrical Machines

Power Electronics to Control Electrical Energy

Design and Control Electrical Machines

Use of new power electronics devices (IGBT, IGCT, series connection of power semiconductors, etc.)

Electro-thermal and mechanics design of Power Converters.
Design of the refrigeration system



Power Electronics to Control Electrical Energy

Design and Control Electrical Machines

Modeling, simulation and control of Power Electronic Converters.

Development of new power converters topologies (Multilevel, Matrix, etc.)

