

Carlos Alberto Romero Piedrahita

Grupo de Investigación: Tecnología Mecánica

Facultad: Facultad de Tecnología

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Formación

Doctor en Sistemas propulsivos en medios de transporte -
Universidad Politécnica de Valencia

Máster Universitario en Motores de combustión Interna - Universidad Politécnica de
Valencia

Ingeniero Automovilista - Instituto Politécnico de Bielorrusia

Experiencia

Master of Science, Bielorrussian Politechnic Institut, Bielorrusia, 1986

Mechanical Engineer, Bielorrussian Politechnic Institut, Bielorrusia, 1986

Specialist in Physics Instrumentation, Universidad Tecnológica de Pereira,
Colombia, 1995

Titular Professor (Internal Combustion Engines, Machine Design), Universidad
Tecnológica de Pereira, Colombia, since 1989 in the areas of Machine Design,
Combustion Engines, Automotive Design, Engine Testing.

Ongoing projects:

- Development of a test stand and a DAQ and processing system for the study of combustion engines in the ICE Laboratory at UTP.
- Development of a test facility to study the mechanical losses in single cylinder combustion engines in the ICE Laboratory at UTP.
- Development of a test stand to study the mechanical losses in power gear transmissions.

Temas de especialidad

- Engine design
- Engine testing
- Machine design
- Power transmission testing

Temas de especialidad para trabajo colaborativo

- Experimental research planning
- Machine design
- Engine testing
- Machine design methodologies and procedures
- Engine modeling and diagnostics

Enlaces de interés

CvLAC:

https://scienti.minciencias.gov.co/cvlac/visualizador/generarCurriculoCv.do?cod_rh=0000160393