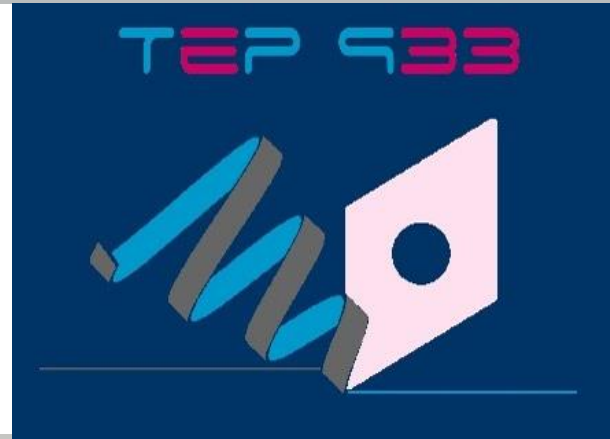


● MANUFACTURING ENGINEERING



INTRODUCTION

The Manufacturing Engineering research group, composed of researchers from the Department of Engineering Process at the University of Malaga. Its works and researches are mainly focused on the study and development of optimized manufacturing processes (machining, plastic deformation and additive manufacturing) and measurement methods. Furthermore, it is also responsible for the Metrology Centre at the University of Malaga (CEMUM), the first laboratory of this University accredited by the National Accreditation Agency (ENAC).

RESEARCH TOPICS

- Analysis and improvement of plastic deformation processes.
- Analysis and optimization of machining processes.
- Additive manufacturing.
- Dimensional and industrial metrology.
- Quality manufacturing engineering.
- Industrial heritage.
- Modeling and virtualization of manufacturing processes.

SCIENTIFIC-TECHNICAL SERVICES

- Technical advice on manufacturing processes.
- Design and manufacture of prototypes and singular pieces.
- Technical Advice on metrological calibration equipment.
- Technical Advice on laboratory accreditation process.
- Audits of laboratories according to ISO 17025.
- Characterization of surface finishes and geometric deviations.
- Technical advice and optimization of additive manufacturing processes.
- Development of machining projects.
- Advice on measurement techniques.
- Virtualization of machines and assets.

RESEARCH GROUP LEADER: LORENZO SEVILLA HURTADO
PAI CODE: TEP933

CONTACT

PHONE: 951 952 242 | FAX: 951952242

E-MAIL: lsevilla@uma.es | WEB: www.uma.es/tep933

ADDRESS: Escuela de Ingenierías Industriales. Ampliación Campus de Teatinos 29071 - Málaga.