

Politecnico di Milano

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 POLITECNICO DI MILANO



Machine and Vehicle Design:

Master Thesis presentation

POLITECNICO DI MILANO, ITALY
DIPARTIMENTO DI MECCANICA





LASER-MADE MICRO-HOLES

TITLE: Micro-holes on metallic plates via femto-second laser

RESEARCH ACTIVITIES:

- literature review on laser-drilling of metallic substrates
- developing a standard procedures to drill micrometric holes according to specifics by means of a femto-second type of laser
- realisation and testing of prototypes

METHODOLOGY:

- scientific/technical literature review
- 3D modelling with Autodesk Inventor
- analytical/numerical/experimental activities

DURATION:

- 6/9 months

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LOCATION:

- Nonantola (MO)