

Title: Techniques for 3D printing and measurements

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ABSTRACT.

In many scientific and technical fields more and more applications of 3D measurement and printing techniques are nowadays taking places.

In this short course the main and most recent measurement principles and printing techniques will be illustrated in order to give to the student tools for possible applications in his research activity.

PROGRAM

- Fundamentals of image formation and digitalization
- Basic of shape measurements by image processing
- Other techniques for 3D shape measurements
- Additive manufacturing technologies
- Applications