# Laser: Supertool of the 20th Century

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#### Introduction

# The word "LASER" is an acronym for

- Light
- Amplification by
- Stimulated
- Emission of
- Radiation

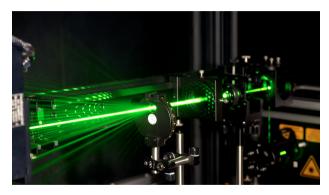


Figure 1: Laboratory laser

# **Properties**

#### Basic laser properties:

- Intensive
- Directionality
- Coherent
- Monochromatic

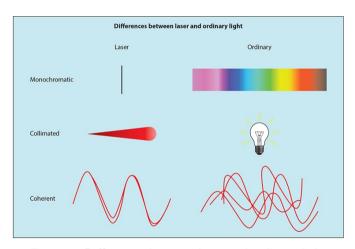


Figure 2: Differences between laser and ordinary light

### **Applications**

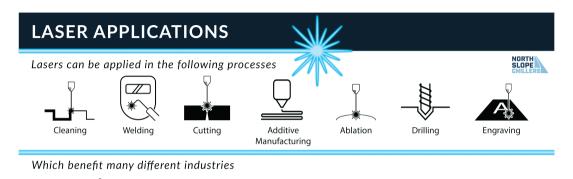


Figure 3: Laser applications

Jewelry

Sensors

Aeronautics



Automobiles

Medical

3D Printing

Electronics

Dentistry

Meterology

#### Conclusion

Laser is the really super tool



# Thanks for your attention!

