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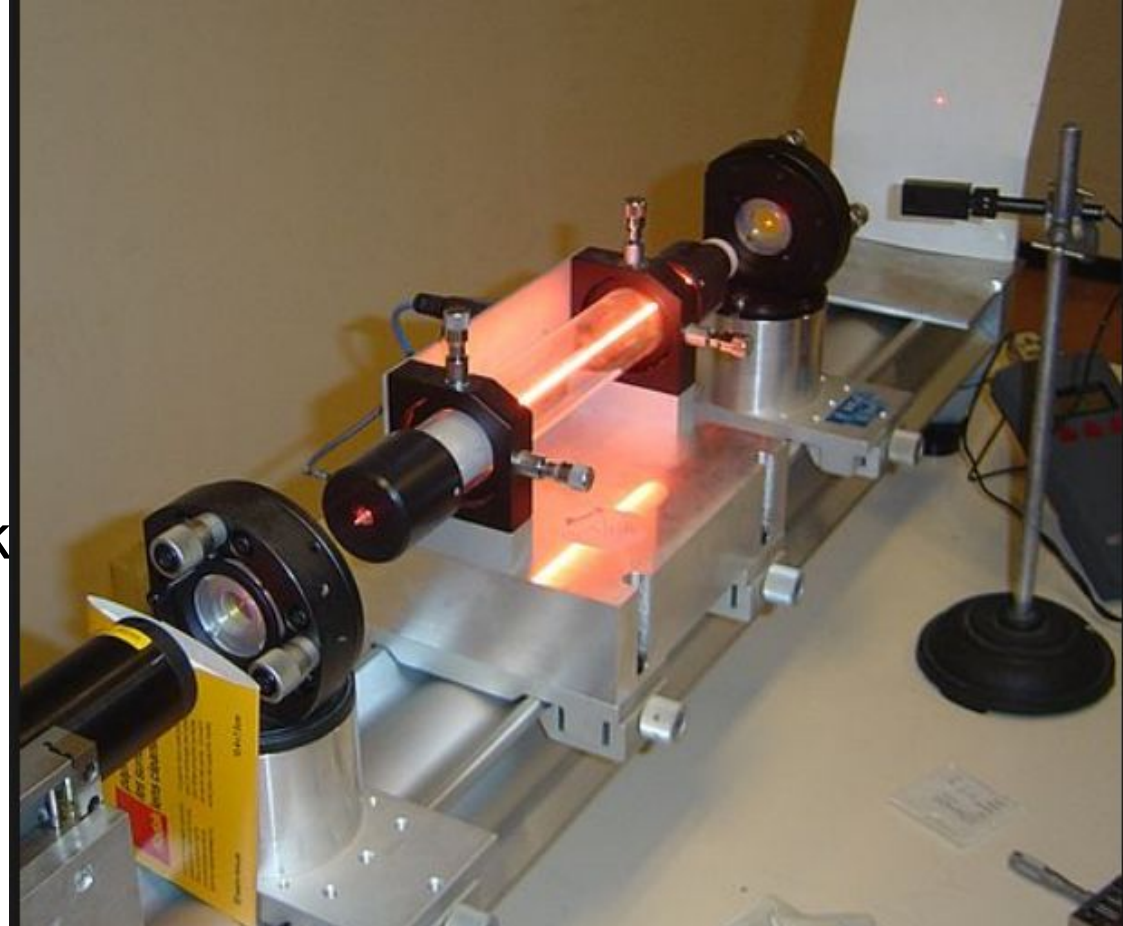
Laser material processing

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Saint-Petersburg, 2017

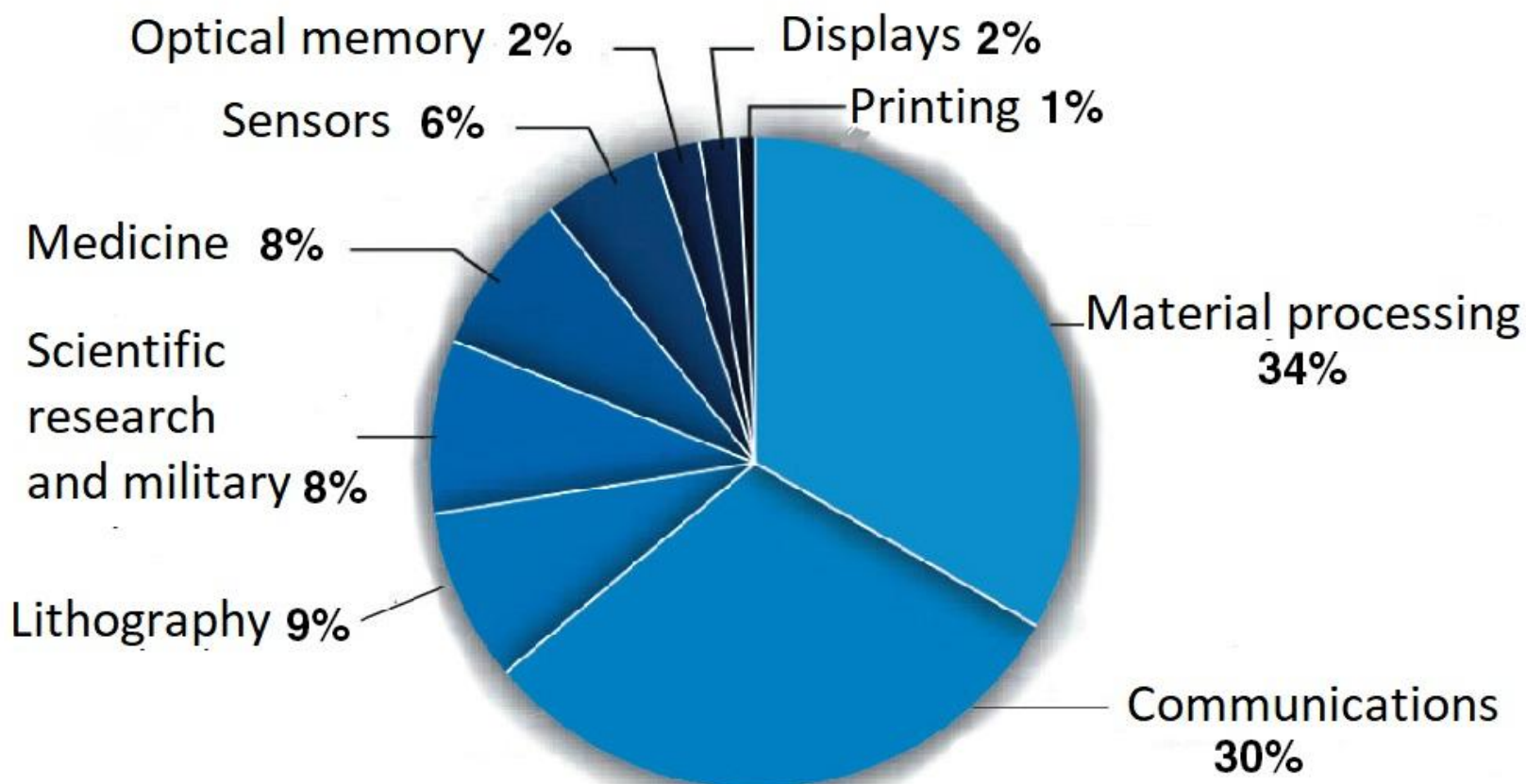
Outline

- Today, many of the things that we use every day are made with a laser
- Different devices work with a laser



Is the XXI century the age of laser technology?

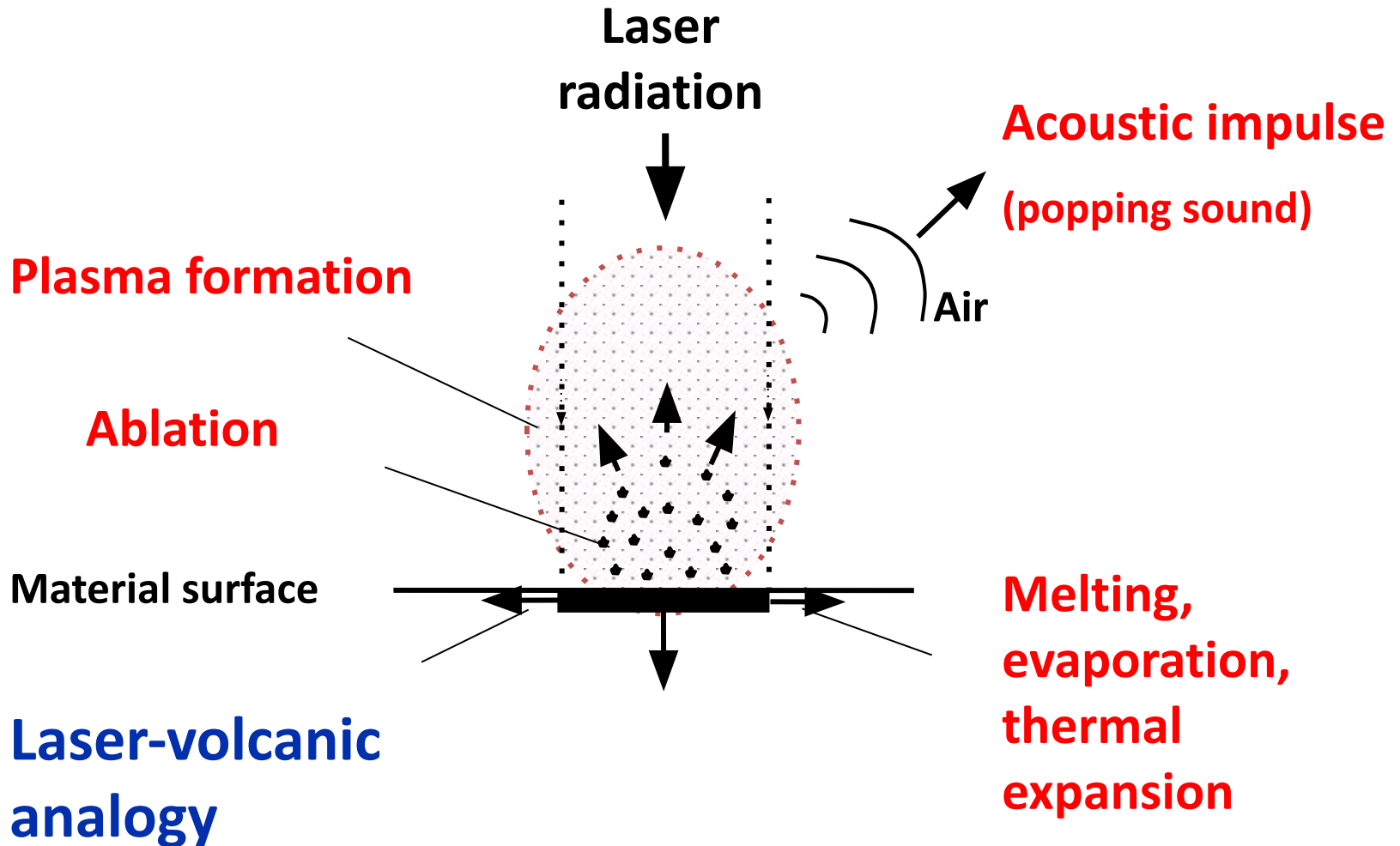
The sale of lasers in the world market



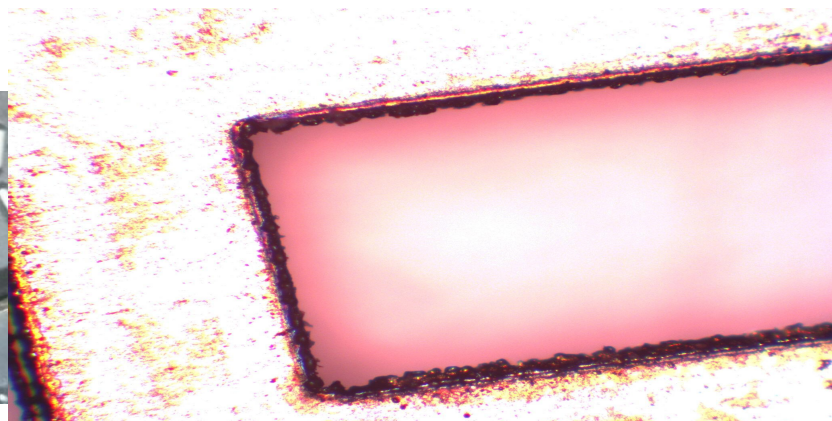
Types of laser material processing



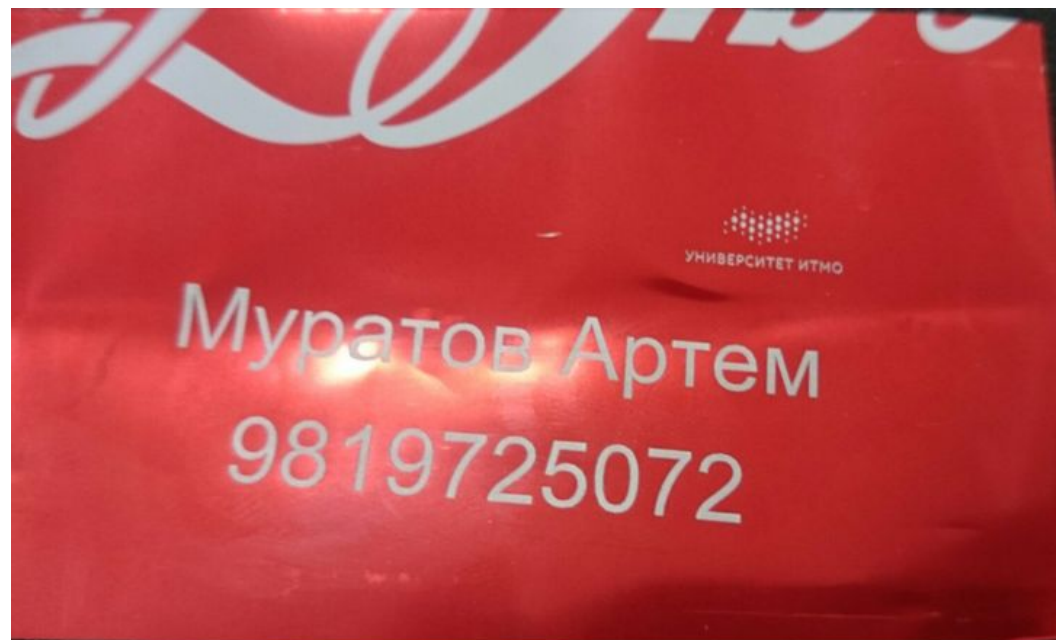
Physical basis



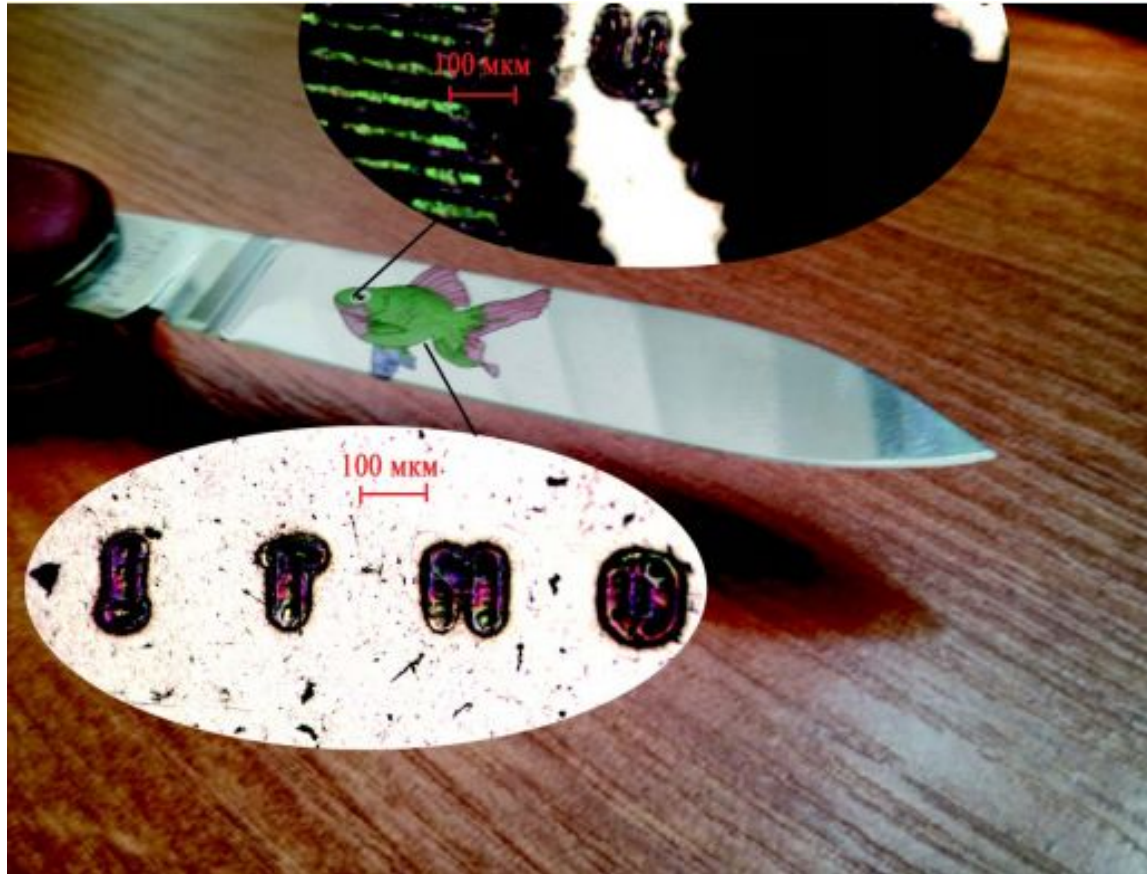
Laser cutting



Laser cleaning



Color laser marking



Conclusion



Laser is technology for the future!

Any questions?



References Cited

- E.I. Ageev, V.P. Veyko, S.G. Gorny, G.V. Odintsov, A.A. Petrov. Laboratory workshop on laser microtechnologies. Part I. Laser processing of structural materials.
- <http://www.ritm-magazine.ru/ru/node/1864>
- <http://newspaper.ifmo.ru/article.php?id=533&pid=100>



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Thank you for attention!

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