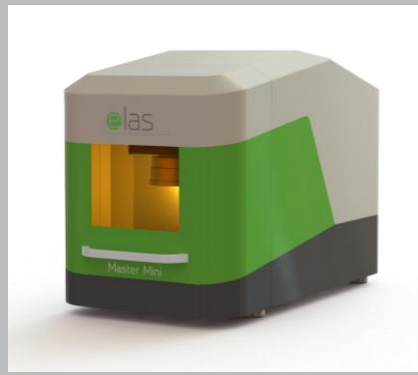
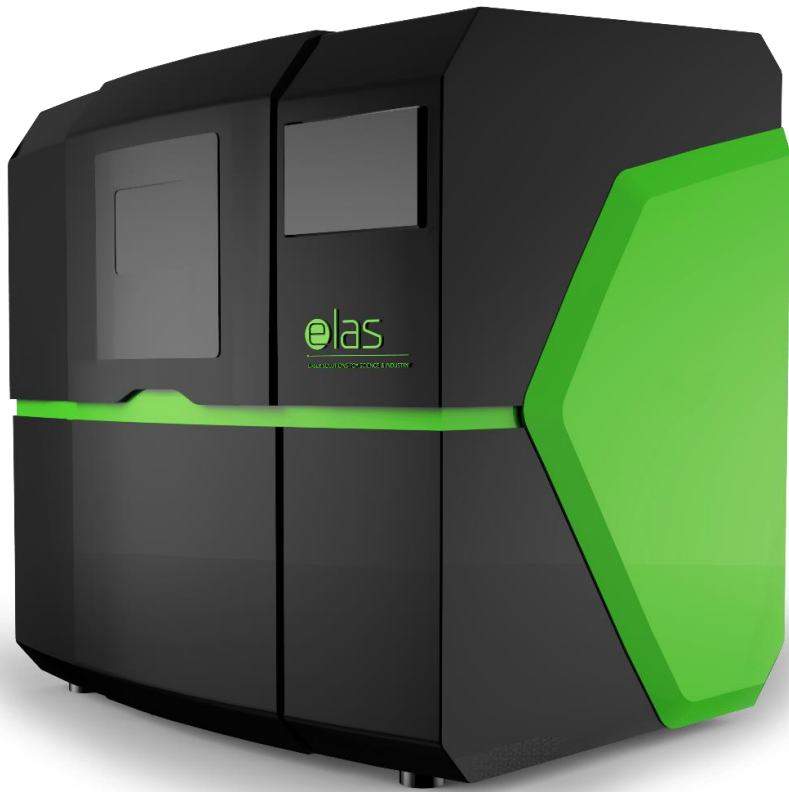




EPIC AGM  
Vilnius, 2022  
Tadas Kildusis, CCO

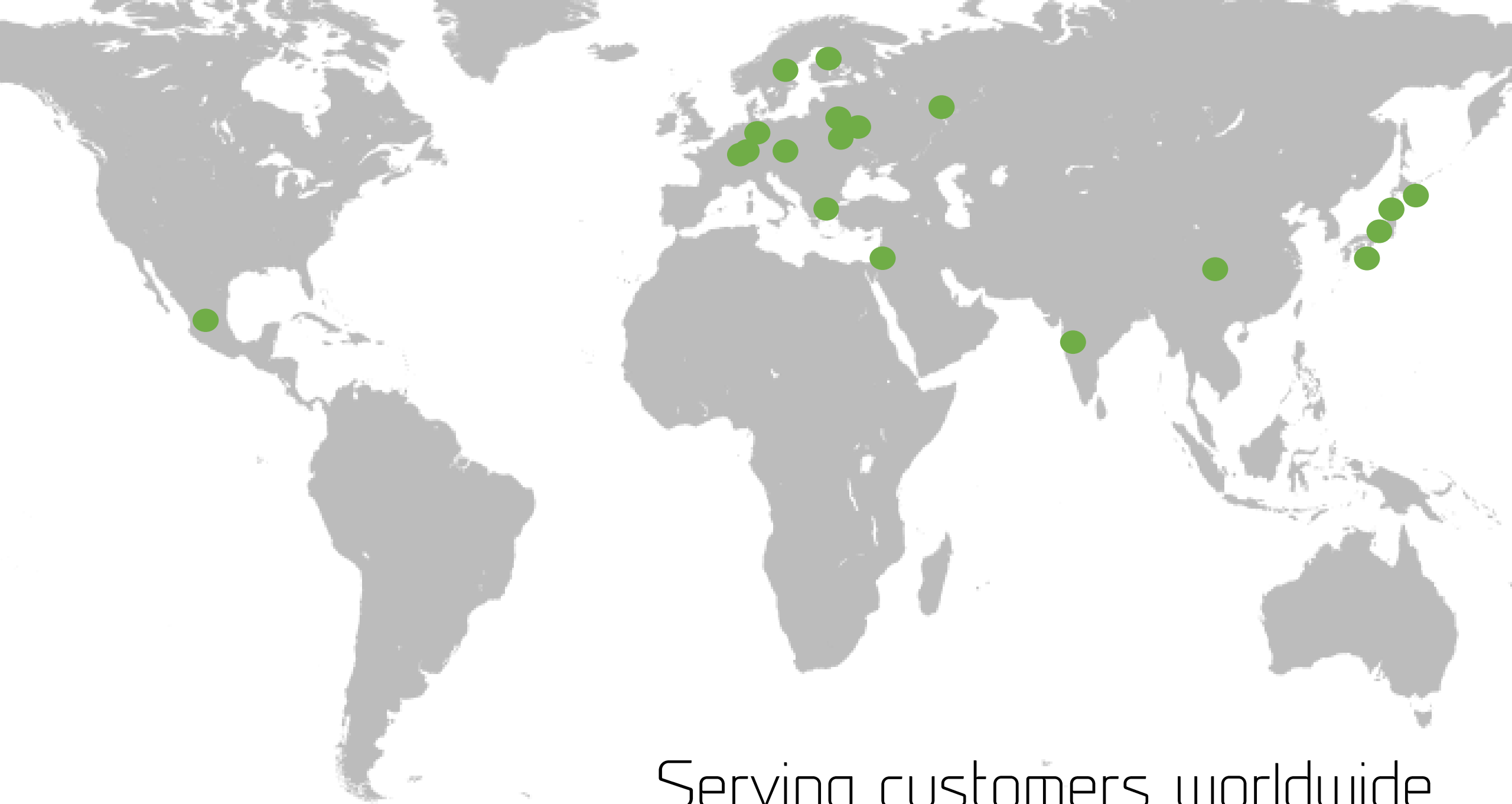
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# Laser machines for industrial applications

- Flexible and easy to use laser tools
- Application development in-house and in cooperation with partners
- Each tool is customized for an application
- 12 years of experience in laser machines



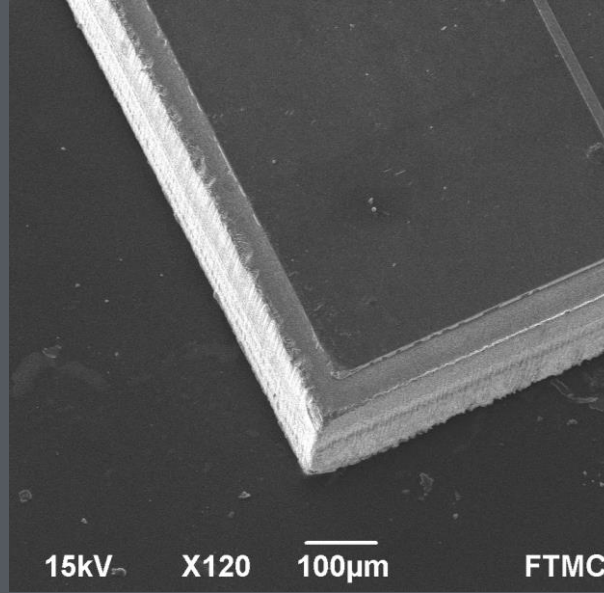
Serving customers worldwide

## SSAIL technology for electronic circuits



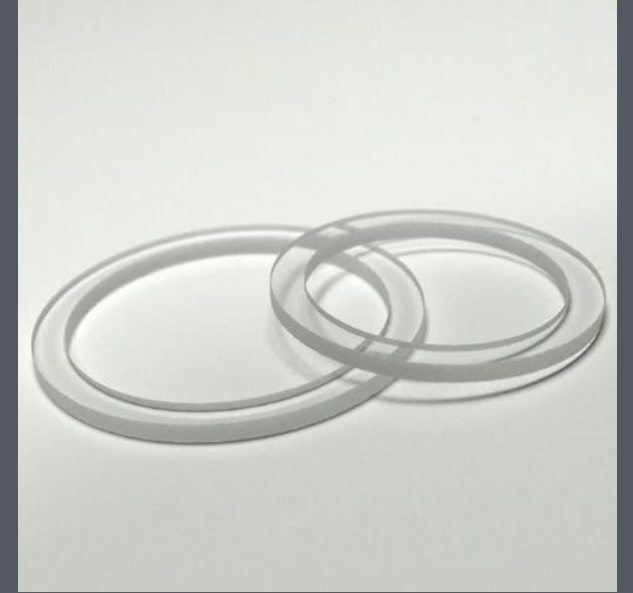
- Semiconductor
- Consumer electronics
- Medical devices
- Automotive and aerospace

## Silicon, GaAs, SiC scribing and cutting



- Semiconductor
- High power electronics

## Other



- PV
- Metalworking
- Glass processing

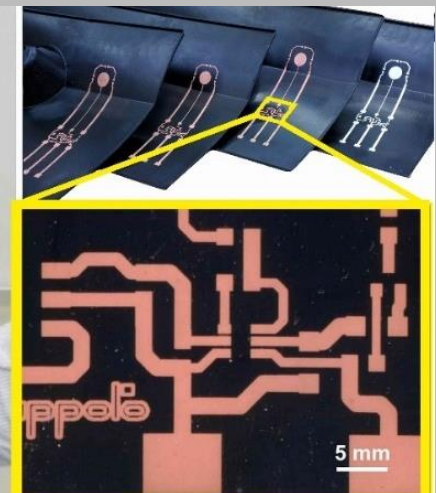
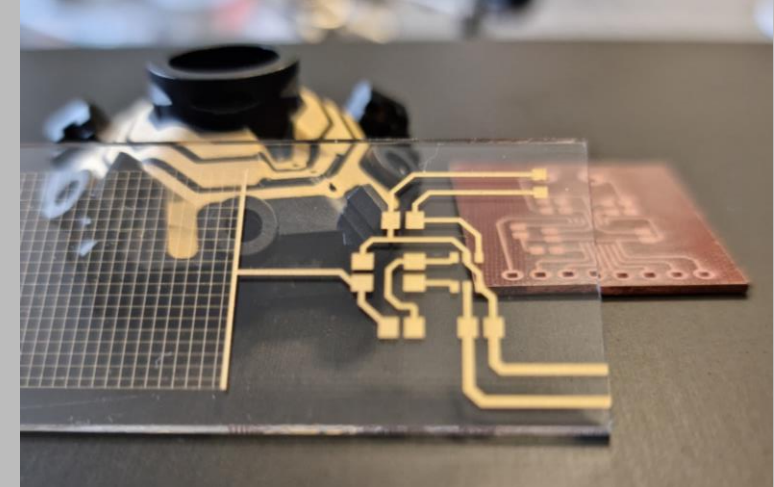
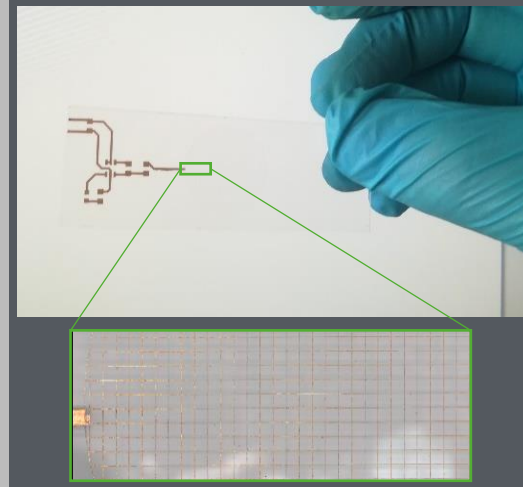
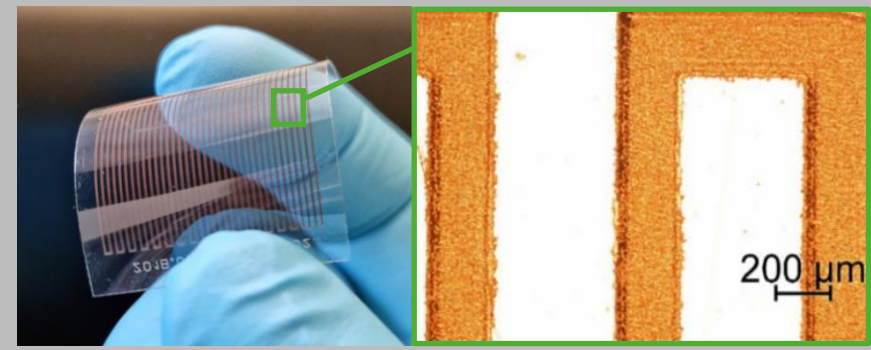
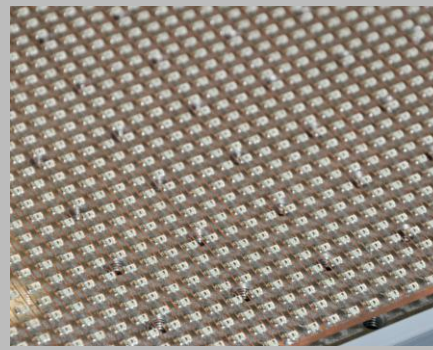
# SSAIL technology

Patented technology to create electronic circuits on different materials

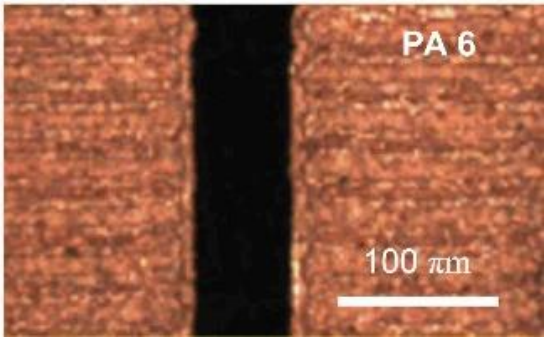
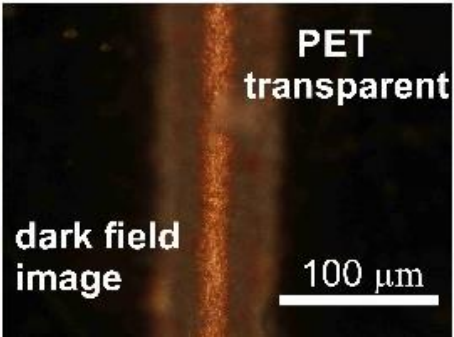
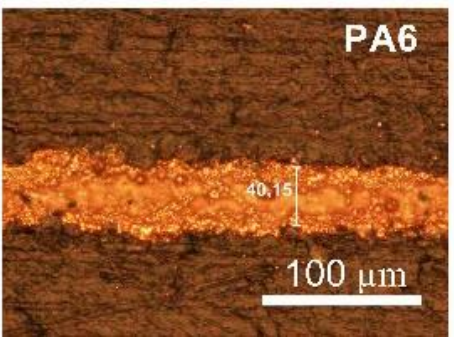
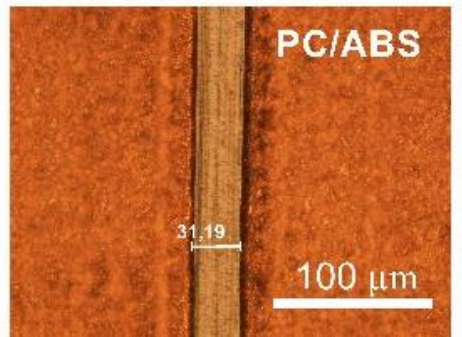
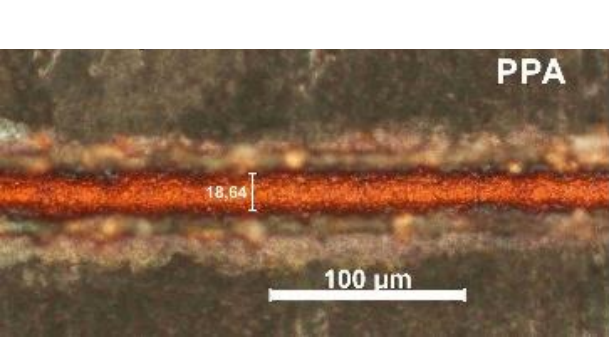
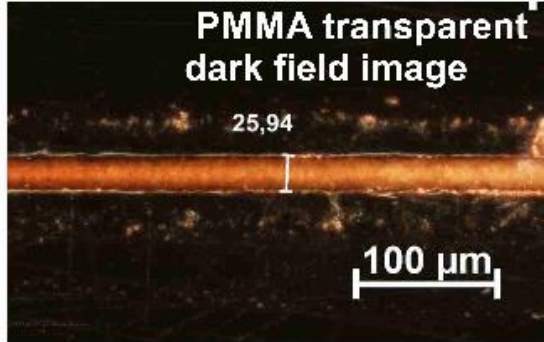
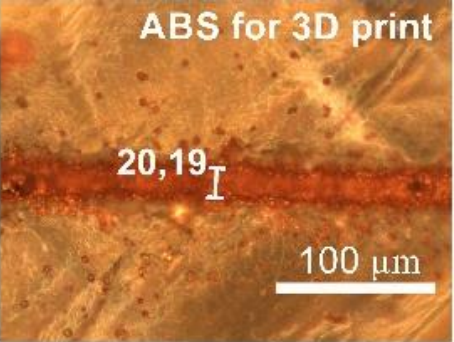
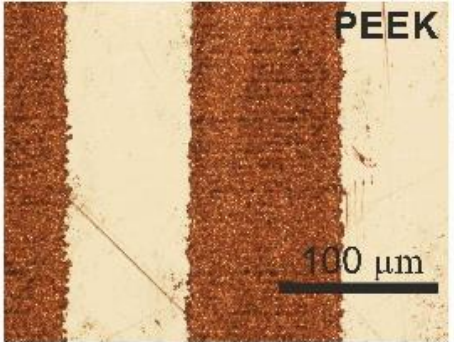
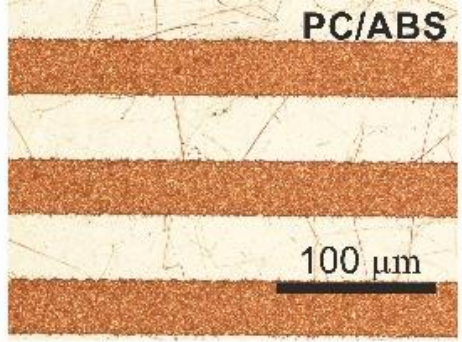
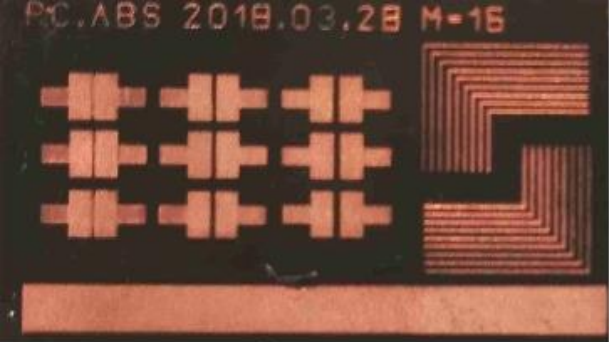
2-step process: laser + chemical

Any form factor. From large 3D parts to thin films

Off the shelf materials. No need for metal additives.

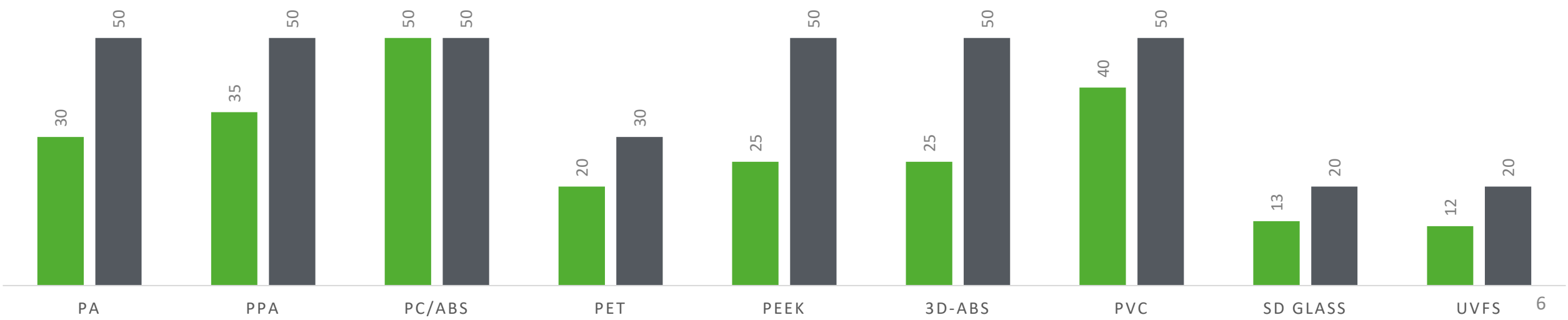






### TRACK WIDTH

■ Track width, μm   ■ Spacing, μm



# MATERIALS TESTED

PC/ABS	PPS	Getinax
PA6	PF	FR-4
PVC	PI	Epoxy
PMMA	PC/ABS for 3D printing	RO3003™ Laminates
PET	PTFE	SITAL ceramic
PEEK	ABF	Al <sub>2</sub> O <sub>3</sub> ceramic
PPA	PA4	Glass (soda lime)
LCP	PBS	Fused Silica
PBT	PREP 200	Silicon

elas

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**Tadas Kildušis**  
CCO at Elas



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