



# EKSPILA

**EPIC**  
European Photonics  
Industry Consortium

**Tuesday, 9 June 2020, 15:00 CEST**  
EPIC Online Technology Meeting on Laser-based  
Semiconductor Processing

## Aldas Juronis

# EKSPLA at a glance

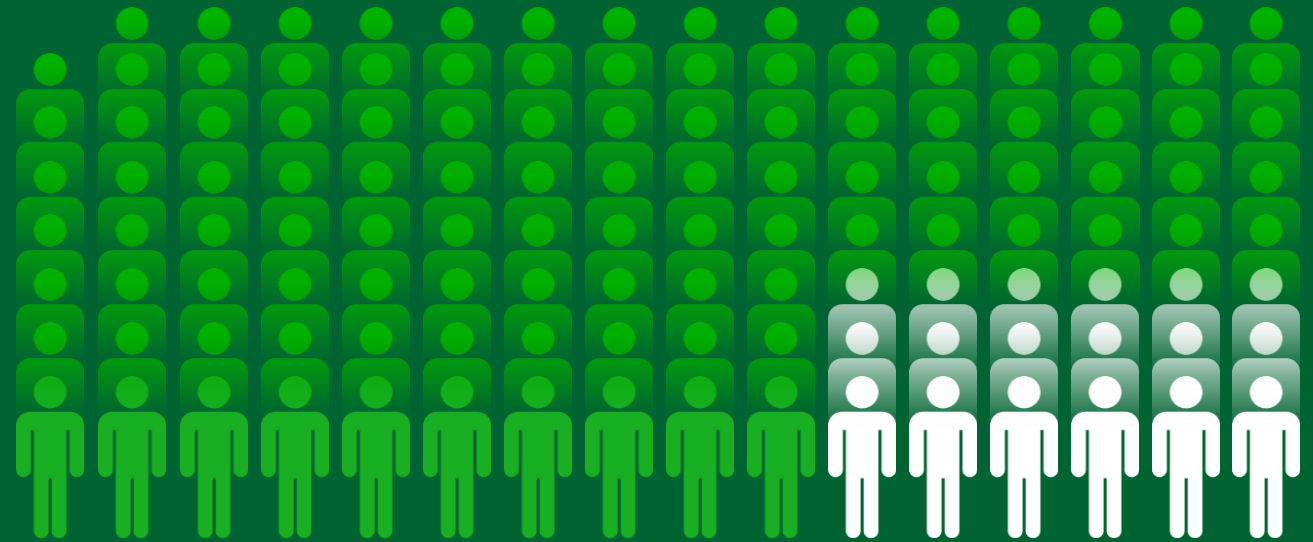


Established in 1992

Nanosecond

Picosecond

Femtosecond



**127** employees

**18** PhD's

# Worldwide presence

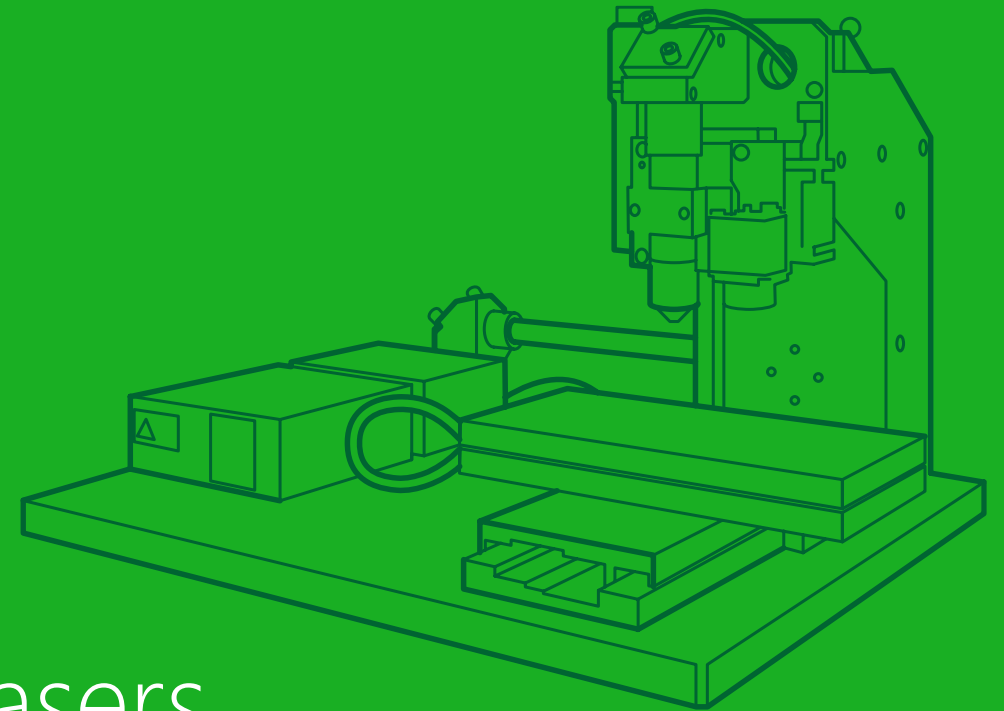
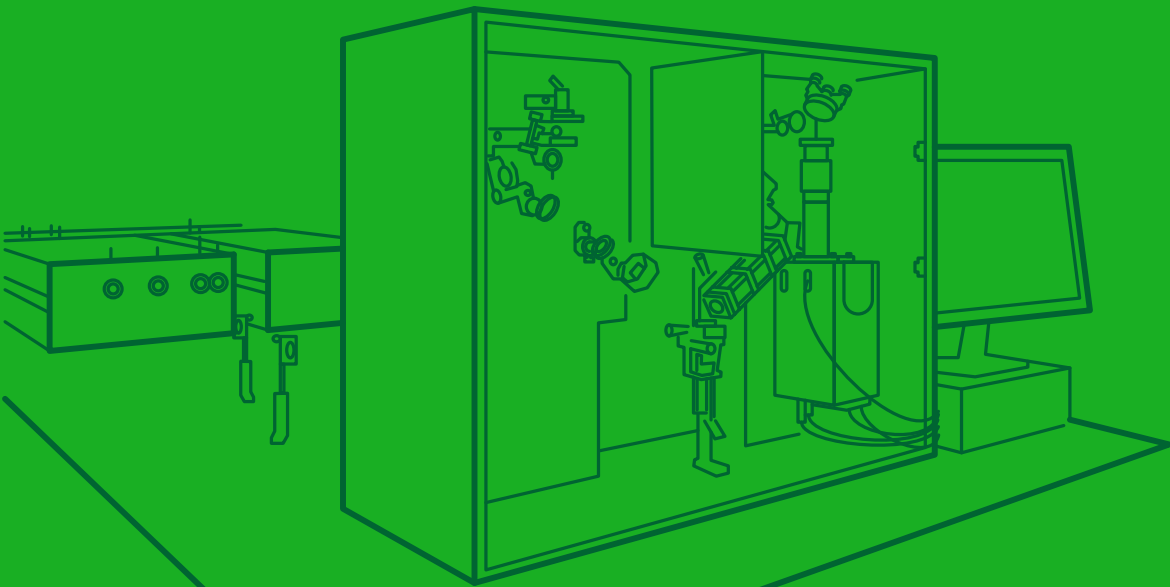


**20+**  
representatives

**3**  
subsidiaries:  
USA, UK, China



## Scientific lasers



Lasers  
**for OEM**

# Lasers for OEM



FemtoLux  
series

**Industrial  
Femtosecond  
Lasers**



Atlantic  
series

**High Power  
Industrial  
Picosecond Lasers**



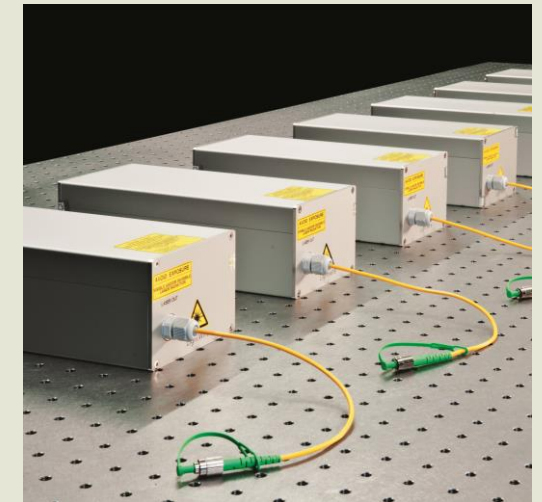
NL200 & NL230  
series

**Compact & Robust  
Q-switched  
DPSS Lasers**



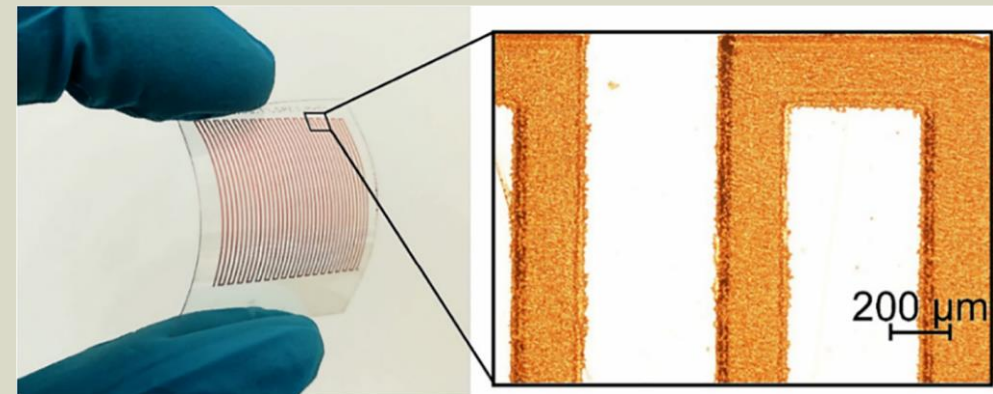
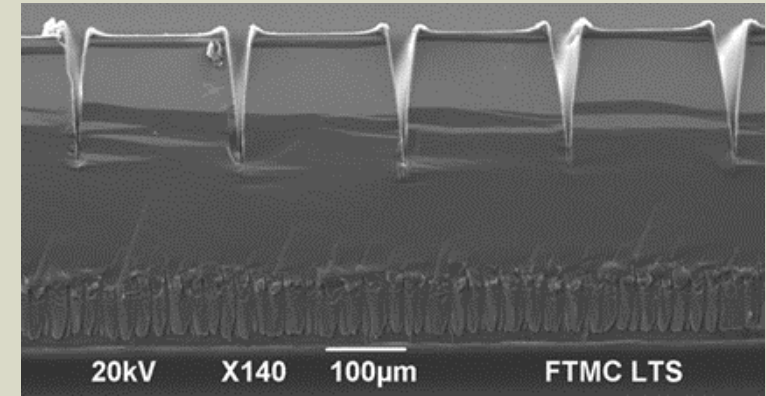
LightWire  
series

**Ultrafast  
Compact Fiber  
Lasers & Seeders**



# Applications

- **Efficient dicing of sapphire wafers**
- **Silicon scribing**
- **Engraving on LED chip**
- **PCB processing**
- **Laser lift-off of PI films from glass**
- **Laser-assisted selective electroless copper deposition on dielectrics**





# Why we are here?



**New development projects in semiconductor processing**



**Development of customized laser sources**





# THANK YOU!

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