



KMLabs

Company Overview



The Leader In Ultrafast

Founded in 2003 by award-winning scientists in ultrafast laser technology, Kapteyn-Murnane Laboratories (KMLabs) continues its legacy of innovation.

- 1st cryogenically-cooled ultrafast lasers
- 1st robust 10 femtosecond lasers
- 1st bright tabletop coherent EUV and soft X-ray beams
- >20 Patents
- 12 Science papers; 3 Nature papers; 6 Nature Photonics papers



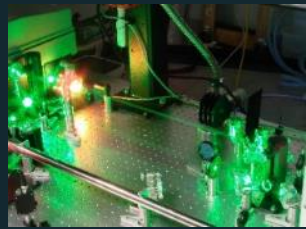
A History Of Innovation

Ti:Sapphire Oscillator Kit



By Incorporation
in 2003

Develop 10TW Laser
Launch Wyvern
regenerative amplifier



Direct Diode Pumped
Ti:Sapphire Amplifier



First commercial EUV-CDI
Quantum Microscope

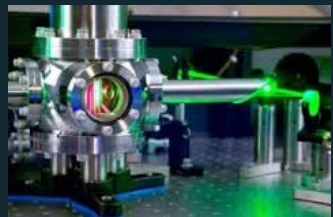


2007

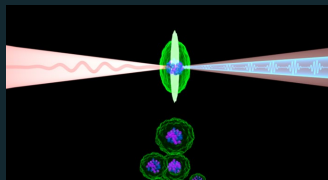
2011

2017

2020



Dragon High Average
Power Ti:Sapphire Amplifier



Launch XUUS High
Harmonic Generation
EUV Source



Sub-100 fs Fiber Laser
and OPA



Launch Vacuum
Ultraviolet (VUV)
product line

The Leader In Ultrafast Is Now The Leader In High Harmonics

The new XUUS 5 from KMLabs brings more power and more flux to high harmonic generation of Extreme Ultraviolet (EUV) light.

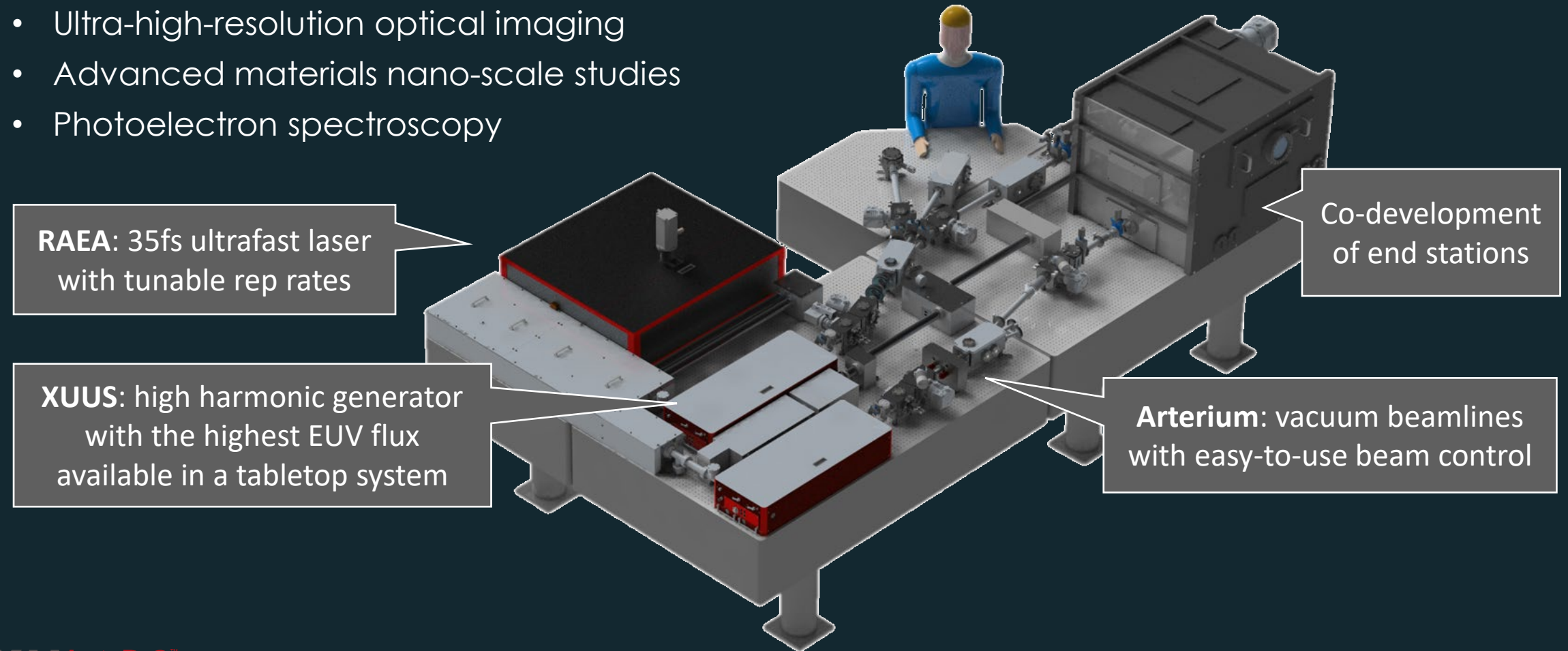


The Full KMLabs Quantum Microscope Product Suite

Pantheon extreme ultraviolet (EUV) system provides laser-like radiation up to 100 eV:

Applications in:

- EUV semiconductor development
- Ultra-high-resolution optical imaging
- Advanced materials nano-scale studies
- Photoelectron spectroscopy



Customers

KMLabs powers customers at the cutting edge of research and development with the strictest performance standards

Universities and National Labs

- Enabling research into materials and chemistry

Industry

- Semiconductor applications for 13.5nm

Government

- Continued innovation accelerated by research programs



Team



Matt Harada, President

Experienced CEO, general manager, and financial leader with specialization in high tech small company development. MBA from University of Colorado, BA from Brown University.



Henry Kapteyn, CTO

Multiple award-winning researcher in the area of ultrafast optical science, Henry is Professor of Physics at the University of Colorado and a fellow of JILA. Ph.D. from University of California at Berkeley, MS from Princeton University, BS from Harvey Mudd College.



Daisy Raymondson, VP Operations

Over 10 years experience at KMLabs in laser design, research, service and operations. Ph.D. from University of Colorado, BS from UC Davis.

Thank You

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