# Lasers and Laser Systems
- Femtosecond lasers - Ti:Sapphire – Cr:Forsterite – Er and Yb-doped, SS, fiber
- **NEW** - Nanosecond Ti:Sapphire lasers
- DPSS CW lasers – DPSS Q-switched lasers
- Nd:YAG lasers – Harmonics – OPO – Raman Shifter

# Laser Accessories
- Pulse Pickers – Autocorrelators – High Power Variable Attenuators – Tuning Lyot
- Filter and Etalons – Near Infrared Viewers – Saturable Absorption Mirrors
- Deformable Mirrors – Wavefront Sensors – Adaptive Optics System

# Ultrafast Dynamics Systems
- Beacon Femtosecond Optically Gated Fluorescence Kinetic Measurement System
- Femtosecond Pump-Probe Transient Absorption Measurements system Hatteras
- THz time domain spectrometer Pacifica

# Crystals
- AgGaS2 – AgGaSe2 - alpha BBO - BBO – KTP – LBO - ZnTe – GaP – GaSe – LiNbO3 –
- Alexandrite – Er:Glass - Yb:KGW – Fe:ZnSe – Cr:ZnSe

# Optical Components
- Fused silica – Barium Fluoride – Calcium Fluoride – Germanium – Lithium Fluoride -
- Sapphire - HRFZ Silicon – Zinc Selenide – Z-cut Quartz
- Infrared – Thermal – Hyperspectral – Terahertz- Dielectric Antireflective Coatings –
- Broadband – Narrowband – Diamond Like Carbon Coating
- Vacuum Viewports – Visible – Infrared – Terahertz

# Microchannel Plate Detectors
- Time-of-Flight Detection – Imaging MCP detectors

# Terahertz Components and Systems
- Crystals for THz generation and detection with short pulses lasers
- MgO:LiNbO3 in Hebling configuration – ZnTe – GaP – ZnTe and GaP sandwiched assemblies - Photoconductive Antennas and Arrays

# Triggered and Untriggered Spark Gaps and Thyratrons

# Exotic Optical Components Examples
- Germanium Etalons - Silicon prisms for pulse compression - Z-cut quartz windows for THz spectroscopy - HRFZ Silicon Viewport – ZnSe domes

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