

# EGOROV SCIENTIFIC PRODUCT PORTFOLIO

	<p><b>Lasers and Laser Systems</b>  Femtosecond lasers - Ti:Sapphire – Cr:Forsterite – Er and Yb-doped, SS, fiber  <b>NEW - Nanosecond Ti:Sapphire lasers</b>  DPSS CW lasers – DPSS Q-switched lasers  Nd:YAG lasers – Harmonics – OPO – Raman Shifter</p>
	<p><b>Laser Accessories</b>  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</p>
	<p><b>Ultrafast Dynamics Systems</b>  Beacon Femtosecond Optically Gated Fluorescence Kinetic Measurement System  Femtosecond Pump-Probe Transient Absorption Measurements system Hatteras  THz time domain spectrometer Pacifica</p>
	<p><b>Crystals</b>  Nonlinear – Terahertz - Photorefractive – Electro-Optic – Piezoelectric – Raman Shift - Laser Crystals – Passive Q-Switch  <b>AgGaS<sub>2</sub> – AgGaSe<sub>2</sub> - alpha BBO - BBO – KTP – LBO - ZnTe – GaP – GaSe – LiNbO<sub>3</sub> – MgO:LiNbO<sub>3</sub> – BSO – LiTaO<sub>3</sub> - KGdWO<sub>4</sub> - Ba(NO<sub>3</sub>)<sub>2</sub> – Ti:Sapphire – Nd:YVO<sub>4</sub> – Nd:YAG – Alexandrite – Er:Glass - Yb:KGW – Fe:ZnSe – Cr:ZnSe</b></p>
	<p><b>Optical Components</b>  Fused silica – Barium Fluoride – Calcium Fluoride – Germanium – Lithium Fluoride - Sapphire - HRFZ Silicon – Zinc Selenide – Z-cut Quartz  Prisms – Windows – Lenses – Hemispherical – ATR - Etalons  <b>Infrared – Thermal – Hyperspectral – Terahertz- Dielectric Antireflective Coatings – Broadband – Narrowband – Diamond Like Carbon Coating</b>  <b>Vacuum Viewports – Visible – Infrared – Terahertz</b></p>
	<p><b>Microchannel Plate Detectors</b>  Time-of-Flight Detection – Imaging MCP detectors</p>
	<p><b>Terahertz Components and Systems</b>  Crystals for THz generation and detection with short pulses lasers  MgO:LiNbO<sub>3</sub> in Hebling configuration – ZnTe – GaP - ZnTe and GaP sandwiched assemblies - Photoconductive Antennas and Arrays</p>
	<p><b>Triggered and Untriggered Spark Gaps and Thyratrons</b>  X-ray Emitters – Ignition Systems – Gas-Discharge Lasers – Aerospace and Defense</p>
	<p><b>Exotic Optical Components Examples</b>  Germanium Etalons - Silicon prisms for pulse compression - Z-cut quartz windows for THz spectroscopy - HRFZ Silicon Viewport – ZnSe domes  ONLINE STORE <a href="http://www.greyhawkoptics.com">www.greyhawkoptics.com</a></p>