

A close-up photograph of a tiger's face, showing its eyes, whiskers, and nose. The image is overlaid with a blue, ethereal light effect that resembles a diffraction pattern or a lens flare, extending from the right side of the frame.

Sharpen your vision

A circular blue button with white text that reads "Call for LIVE Demo". The button is slightly shadowed and appears to be floating over the background image.

**Call
for LIVE
Demo**



The New LYNXEYE XE

High-Speed Energy-Dispersive Detector for X-ray Diffraction

The LYNXEYE XE is the first high-speed energy-dispersive one-dimensional detector for ultra-fast X-ray diffraction measurements. It enables high-speed data acquisition up to 450 times faster than conventional point detector systems with a superb energy resolution making K β filters and secondary monochromators redundant. Operating with all common characteristic X-ray emission lines (Cr, Co, Cu, Mo, and Ag radiation) it enables outstanding angular resolution (FWHM) and perfect line profile shapes.

Contact us for more details and a system demonstration! www.bruker.com/lynxeyexe

strontium doped lanthanum III-IV nitride materials crystal growth cobalt metamaterials
 organo-r illics tantalum alloys cerium polishing powder thin film osynthetics
 dium spong **Li** **Be** dysprosium pellets atomic layer deposition semiconductor
 battery lith **Na** **Mg** aerospace ultra-light alloys iridium crucible erbium
 ovskite scandium-aluminum green technology single crystal
 mischmet **K** **Ca** **Sc** **Ti** **V** **Cr** **Mn** **Fe** **Co** **Ni** **Cu** **Zn** **Ga** **Ge** **As** **Se** **Br** **Kr** cones
 cathode solar ener **Rb** **Sr** **Y** **Zr** **Nb** **Mo** **Tc** **Ru** **Rh** **Pd** **Ag** **Cd** **In** **Sn** **Sb** **Te** **I** **Xe** superconduc
 vanadium **Cs** **Ba** **La** **Hf** **Ta** **W** **Re** **Os** **Ir** **Pt** **Au** **Hg** **Tl** **Pb** **Bi** **Po** **At** **Rn** tantalum
 CIGS super alloys **Fr** **Ra** **Ac** **Rf** **Db** **Sg** **Bh** **Hs** **Mt** **Ds** **Rg** **Cn** **Uut** **Uuq** **Uup** **Uuh** **Uus** **Uuo** macromole
 optoelectronics yttrium foil liquid gallium arsenide laser crystals rare earth metals fuel cell materials hafnium tubing ultra
 gallium lump diamond micropowl gold nanoparticles

Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr

Now Invent.™

dielectrics silicon carbide germanium windows 99.999% ruthenium spheres erbium doped fiber optics
 platinum ink quantum dots nickel foam ultra high purity me
 anti-ballistic ceramics osmium alternative energy ionic
 photovoltaics Nd:YAG catalog: americanelements.com iron
 shape memory alloys



The World's Manufacturer of
 Engineered & Advanced Materials

© 2001-2011, American Elements is a U.S. Registered Trademark.

