

Join us for a visit with Milton Chang

Thursday, 3:00-6:00 PM, August 26, 2010 Boulder, Colorado



Dr. Milton Chang, founder of Newport Corporation and New Focus, Inc., is currently on the Board of Directors of Precision Photonics Corp. and mBio Diagnostics in Boulder, CO. He will be speaking next month at the Colorado Photonics Industry Association (CPIA) quarterly meeting hosted by ASD, Inc. The topic of discussion will be **Lowering The Risk of Photonics Startups**

Semi-retired, Dr. Chang spends his time mentoring entrepreneurs, providing advisory services to established companies and writing business/management columns for magazines such as Laser Focus World and Photonics Spectra.

Photonics Solutions for 2011!

Sign up now to be one of the first to receive PPC's 2011 Capabilities Brochure and Catalog.

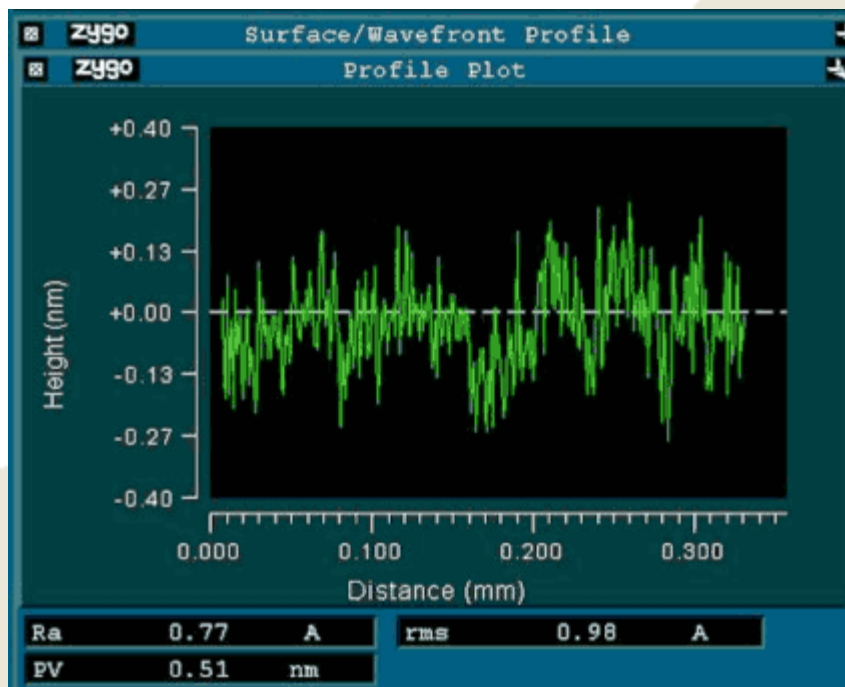


Due out in late 2010, the updated catalog will include an expanded list of standard products as well as

information on new capabilities,

SUPERPOLISHED SURFACES <math>< 1 \text{ \AA}</math> RMS

PPC has further expanded the list of super-polished material capabilities to include Terbium Gallium Garnet (TGG), single crystal sapphire (Al₂O₃) and Ti:Sapphire glass. Plano substrates can be polished to $\lambda/10$ or better surface flatness with 10-5 surface quality and surface roughness of less than 1 angstrom RMS (as shown below).



Super-polished or laser quality polished substrates and assemblies are ideal for use as low-loss laser mirrors, high energy waveguides and in cavity ring-down spectroscopy (CRDS) where thermal stability, surface scatter and high laser damage thresholds are key requirements. We can also provide ion-beam-sputtered (IBS) anti-reflection, beam splitter and high-reflection coatings on these and other materials at wavelengths from 266 nm to greater than 3 μ m.

CUSTOM IBS COATINGS FOR THE MID-INFRARED (2.94 μ m - 5 μ m)

PPC has successfully developed broadband anti-reflection (BBAR) coatings for the 3-5 μ m spectral range capable of extremely high temperature operation and survivability; recent results have demonstrated operational survivability to 1000° C! Other examples of custom MWIR IBS coatings include plate polarizers for 2.94 μ m, narrowband AR coatings at 3.4 μ m and dichroic mirrors with high reflectance at 2.94 μ m and high transmittance at 1.5 μ m. Call or [email us](#) with your requirements to find out why IBS coatings might be right for you, too.

current R&D efforts and innovative applications.

If you cannot read this newsletter in html format, you can see it online at:
<http://www.precisionphotonics.com/Newsletter/Jul-10/PP-news-Jul10.html>

You are receiving this e-mail newsletter from Precision Photonics Corporation because you signed up for it on our web site, or have had some form of contact with us in the past. We hope you enjoy receiving it.

If you'd rather not receive future e-mail newsletters, please [click here](#).

We value your privacy and do not rent, sell, or make otherwise available your information.