

## **General Plasma Appoints Quanyuan Troy Shangguan as Chief Technology Officer (CTO)**

**Tucson, Arizona – January 5, 2010** – General Plasma Inc. (GPI) is pleased to announce Dr. Troy Shangguan has joined the company as its Chief Technology Officer (CTO).

Dr. Shangguan is a recognized visionary in the large-area thin film industry with a strong track record of innovation in low temperature polysilicon (LTPS) technology, thin film transistor (TFT) process technology, and chemical vapor deposition (CVD) process chamber development. Dr. Shangguan is acknowledged as an originator of remote plasma source (RPS) cleaning technology and the commercial use of inkjet for color filter technology. In his prior role as Director of Advanced Technology at Applied Materials, Dr. Shangguan led technology initiatives enabling Applied to achieve and maintain its dominant market position in PECVD amorphous silicon TFT processing equipment, and increase its LTPS market share from 30% to 70%.

Dr. Shangguan's achievements in large-area processing and equipment technology have been widely recognized. In 1999, R&D Magazine awarded Dr. Shangguan the 100 Best Products award for a solution to greenhouse gas reduction during chamber cleaning. In 2007, Dr. Shangguan was presented with the "Hall of Fame" patent award for significant, commercially successful innovations. Dr. Shangguan has been granted over 50 United States and international patents and has 40 additional patents pending.

John Madocks, President of GPI, commented "We are delighted to have Troy at GPI. His unmatched thin film process knowledge and experience will greatly enable GPI's disruptive large area plasma source technology. We are excited about our future in providing superior, cost effective solutions to solar and other large area coating industries."

Dr. Shangguan said: "GPI is focused on aggressively developing the next generation plasma process technology and equipment for flat panel displays, solar, and semiconductor manufacturing that will dramatically improve performance and reduce cost. I am excited to be taking on this new and challenging role."

### **About General Plasma**

Founded in 1997, General Plasma is an international supplier of PECVD and sputtering solutions. Building its business model around superior innovative solutions, GPI holds 11 patents, has 9 additional patents pending and has published over 30 technical papers. GPI's PECVD technology offers a paradigm shift in the deposition of thin film coatings. Thin film coatings are a critical element of solar cells, flat panel displays, optics, DVDs, and a variety of other products. For a complete listing of our products, visit our website at [www.generalplasma.com](http://www.generalplasma.com) or send inquiries to [sales@generalplasma.com](mailto:sales@generalplasma.com).