



Press Release

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Crystal IS Announces New Engineer

Watervliet, NY — January XX, 2005 — Crystal IS, the leading supplier of ultra-low defect density native aluminum nitride (AlN) single crystal substrates, hired Raj Shetty as director of aluminum nitride production.

Previously, Shetty, who is relocating with his family to the Capital Region from Colorado Springs, spent nine years working at Crystal Specialties International, most recently as a process engineering manager specializing in crystal growth.

“Raj brings key experience to our management team,” said Leo Schowalter, president and CEO, Crystal IS. “And his willingness to relocate to the area indicates that he’s as enthusiastic as we are about the growth of Crystal IS and the development of our technology.”

A member of the American Association for Crystal Growth, Shetty has published his work in international publications, including the *Journal of Crystal Growth* and the *Journal of Electric Materials*, and presented at international conferences. He earned his Ph.D. and master of science degree in chemical engineering from Clarkson University, as well as additional degrees in chemical engineering from the Indian Institute of Science and the Karnataka Regional Engineering College in India.

About Crystal IS

Crystal IS (www.crystal-is.com) produces crystals from a new type of semiconductor material that is then sliced into wafers and used for new generation semiconductor devices. Market analysts anticipate the semiconductor device market, based on this crystalline nitride material, to grow to more than \$25 billion a year within the next decade.

These new generation semiconductor devices, particularly when combined with existing semiconductor nanofabrication techniques, are poised to make significant improvements and enhance quality of life in a wide variety of applications: air and water purification, military and biomedical devices, wireless communication, information technology, display lighting, and improved DVD technology, among many others.

