



ITRI's Researchers Claim Their R&D 100 Awards for Green, Energy-conserving Technologies



ITRI recently accepted six 2012 R&D 100 Awards at the annual awards ceremony and banquet in Orlando, Fla. ITRI was selected as a winner for the fifth consecutive year, collecting six awards for the following advanced technologies in their respective categories:

- **Lignoxy™**, lignin-based polymer technology (Materials Science category);
- **TEMM**, thermoelectric material and module technology (Materials Science category);
- **aePLASMA™**, atmospheric environment plasma coating technology (Thin Film and Vacuum Technologies category);
- **SideLighter™**, optical microstructure-based concentrator photovoltaic technology (Energy Technologies category);
- **Light&Light™**, A19 LED light bulb technology (Electrical Devices category); and
- **AVA-Clamp™**, clamp-on voltage and current metering technology (Electronic Instrumentation category).

This year, ITRI is the only organization to win as many awards as national labs in US. "ITRI is a multidisciplinary R&D organization, and unlike other institutions, ITRI always presents us innovative technologies every year," the R&D 100 Awards judge Tim Studt, who has been a judge for the awards for 20 years, said, "This is exactly what R&D 100 Awards is looking for -- unique

technology that hasn't been done before or has improved upon existing technology in a very significant degree."

"ITRI is proud to receive recognition by R&D Magazine for its six innovative technologies," said Dr. Pei Fang Liang, division director of ITRI's Green Energy and Environment Research Labs. "The six technologies this year are all high-value, innovative technolo-

gies that aim to meet human needs and provide greater convenience to create high value-added industries. ITRI's consistently strong performance in the R&D 100 Awards over the years confirms that Taiwan's scientific and technological strength has reached a world-class standard and displays the Institute's vitality and capability in technological R&D and innovation for all the world." 