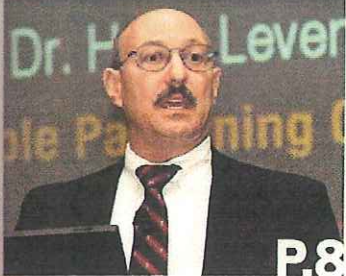


JULY 17, 2008

THURSDAY



DAILY NEWS

Semiconductor
INTERNATIONAL

SEMICON®
West2008

What's Your Solar Story?

This year, SEMICON West is co-located with the inaugural Intersolar North America show, whose exhibits can be found on Level 3 of Moscone West. But as you walk through the other levels of the West, North and South halls, you'll be hard-pressed to find an exhibitor who isn't trying to get a piece of that great big solar pie. Officially, SEMICON West has more than 250 exhibitors that have offerings for both the photovoltaics and semiconductor markets. But it seems that nearly every exhibitor has some sort of solar story to tell. What follows is a

tiny sampling of what's being highlighted on the show floor.

Solar cell surface cleaner — Mallinckrodt Baker Inc. (Phillipsburg, N.J.), which manufactures high-purity chemicals for microelectronics, among other industries, reports that the demand for its Baker-Clean PV-160 solar cell surface cleaner has grown so rapidly that it plans to double the manufacturing capacity for the product. As part of the expansion plan, the company will begin manufacture of the cleaning solution in its high-volume facility in Paris, Ky., while increasing existing manufacturing capacity at its facility in Deventer, Netherlands.

Slicing solar wafers — Synova (Lausanne, Switzerland), whose water jet-guided laser technology has been used for more than 10 years in the volume production of semiconductors, has been working in the photovoltaics space for about a year and a half. The company's latest news, released earlier this month, announced a multi-system order from a European solar cell manufacturer for its Laser MicroJet modules, which will be used to cut the venture's 125 and 156 mm polysilicon octagonal tubes into solar wafers.

Harsh process vacuum pumps — Edwards (Crawley, UK), which supplies

Today's Hot Topics

8-9:30 a.m.

The 450 mm Transition
> Novellus Theater

10-10:45 a.m.

Keynote: Jim Miller, Cadence Design Systems
> West Hall, Level 2, Center Stage

11 a.m.-1:30 p.m.

University Day Program

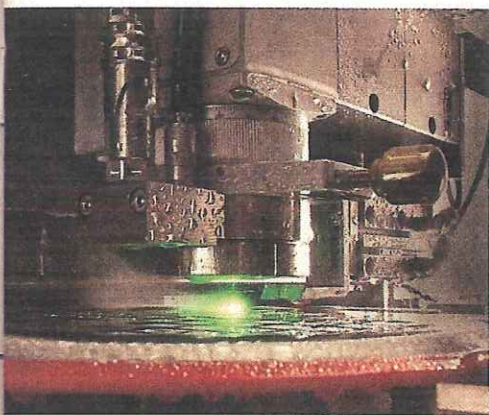
Noon-3:45 p.m.

Fab Owners Association Forum
> East Mezzanine, Room 226

vacuum and abatement equipment and services, has introduced a new version of its next-generation iXH series of harsh process vacuum pumps targeted for solar manufacturing applications. The product is designed to meet the solar industry's need to pump large volumes of hydrogen during solar cell manufacturing processes, and it meets the need for both crystalline silicon and thin-film solar cell manufacturing. The semiconductor industry has an opportunity to bring some "green" leadership to the solar industry, noted Sia Abbaszadeh, head of Edwards' solar and FPD business.

Metallization line — Although the

Continued on page 45



Synova, whose Laser MicroJet has been dicing semiconductor wafers for more than 10 years, has recently taken its technology to solar cell manufacturing.

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