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Fashion Shows - Summer 2007
Paris Fashion
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Victoria's Secret (2006)
: Blend of Sexy and Tartan
Victoria's Secret (2005)



Fashion Feature:
Flirty Summer Lingerie from Felina Fashion

Maggie Gyllenhaal is the new face of 'Agent Provocateur'

Celebrity Watch:
Jessica Alba in Berlin

Celebrity Watch:
Jessica Alba in the Fantastic Four: Rise of the Silver Surfer Madrid Photocall

Fashion Frisk: NBC All-Stars Party in Beverly Hills

Celebrity Watch:
Coleen McLoughlin wows the folks at Asda

Tenth Annual Hooters International Swimsuit Pageant

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NANO PROPELLERS MAY BE TOMORROW'S DRUG DELIVERERS

Posted on Tuesday, July 17, 2007 (EST)
Researchers at the University of Illinois at Chicago have created a theoretical blueprint for assembling a nanoscale propeller with molecule-sized blades.



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Washington, July 17 (ANI): Researchers at the University of Illinois at Chicago have created a theoretical blueprint for assembling a nanoscale propeller with molecule-sized blades.

Scientists say the propeller opens the possibility of targeting medicines and regularizing their flow into and out of cells.

Petr Král, Assistant Professor of chemistry at UIC, and his laboratory co-workers, used classical molecular dynamics simulations to learn how tiny propellers pump liquids.

They found that at the molecular level the chemistry of the propeller's blades and their sensitivity to water plays a big role in determining whether the propeller pumps efficiently or just spins with little effect.

If the blades have a hydrophobic, or water-repelling nature, they pump a lot of water. But if they are hydrophilic -- water-attracting -- they become clogged with water molecules and pump poorly, the study showed.

"Pumping rates and efficiencies in the hydrophilic and hydrophobic forms can differ by an order of magnitude, which was not expected," said Prof. Král.

The study appears in the July 12 issue of Nature and is scheduled for publication as the June 28 cover story of Physical Review Letters. (ANI)

[Talk back: Email your opinion on the subject for publication here to talkback@sawf.org](mailto:talkback@sawf.org)

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Britney Spears' 'Get Back' to her babies day



Celebrity Watch: Jessica Alba in Berlin



Britney Spears shoots video for new song 'Get Back'



Katharine McPhee Morphs Into Sex-Kitten



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Fans in frenzy as Harry Potter release casts final spell

Potter fans await Harry swansong, but leaks mar spell

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Great Wall of China named as 'new' world wonder

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