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Newsflash

Issue

Beer ecstasizes
material scientists

From iPad to iPaper

Nanoparticle ink
produces glowing
holograms with simple
inkjet printer

Solar sunglasses
generate solar power

Dear Sir or Madam

Welcome to our September Newsflash of the Innovation Society,
St.Gallen with the following News:

- Beer ecstasizes material scientists
- From iPad to iPaper
- Nanoparticle ink produces glowing holograms with simple inkjet printer
- Solar sunglasses generate solar power

Enjoy the reading and kind regards,

Christoph Meili

The Innovation Society, St. Gallen

Beer ecstasizes material scientists



Scientists from ETH Zürich have investigated the secret of stable foams. Their findings could make beer foam and ice cream more long-lasting. And they could revolutionise concrete.

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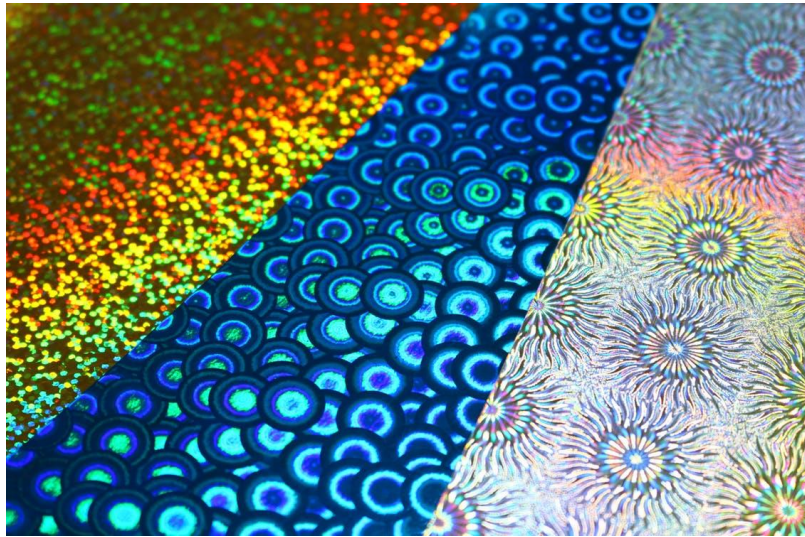
From iPad to iPaper



Imagine folding up a paper-thin computer tablet like a newspaper. It sounds like something out of a science fiction movie, but such flexible electronics are moving closer to reality, according to a review in the journal *Science and Technology of Advanced Materials*.

[Read article](#)

Nanoparticle ink produces glowing holograms with simple inkjet printer



Researchers at ITMO University unveiled a new approach for printing luminescent structures based on nanoparticle ink. The unique optical properties of the ink were achieved by means of europium-doped zirconia. Particles of this material were proven to be useful for manufacturing glowing holographic coatings with a high degree of protection. Importantly, the developed approach enables the fabrication of custom holograms by means of a simple inkjet printer.

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Solar sunglasses generate solar power



Organic solar cells are flexible, transparent, and light-weight – and can be manufactured in arbitrary shapes or colors. Thus, they are suitable for a variety of applications that cannot be realized with conventional silicon solar cells.

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