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# Newsflash

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Dear Sir or Madam

Welcome to our newsflash for the month of September:

- Aerogel as the micro-building material of the future
- Important new publications on nanotechnology and emerging technologies
- Human biomonitoring as a tool for European Chemicals policy
- Nanoparticles used to create syngas for industrial production
- Clean recycling of waste diapers

Enjoy the read and kind regards,

The Innovation Society, St.Gallen

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## The micro-building material of the future: aerogel

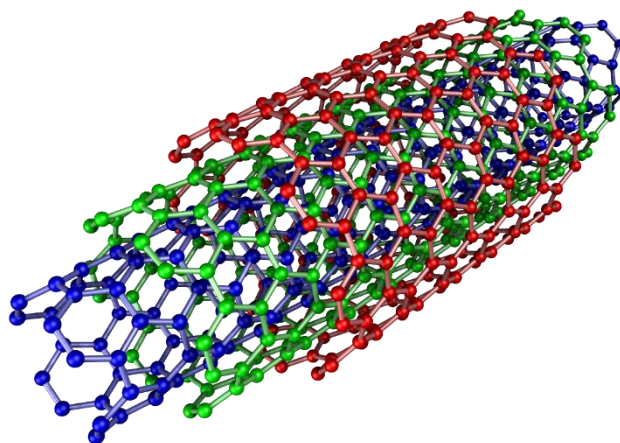


EMPA researchers have succeeded in producing 3D printed parts from silica aerogel with high precision. This opens up numerous new applications in the high-tech industry, for example in microelectronics, robotics, biotechnology and sensor technology.

[Read article](#)

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## Important publications on nanotechnology and emerging technologies



The US FDA and the German BAuA have published two important reports and the European Commission has launched an online platform on novel technologies.

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## Human Biomonitoring as an Instrument of the European Chemicals Policy



At an international conference on "Human Biomonitoring for science and chemical policy", Federal Environment Minister Svenja Schulze and UBA President Dirk Messner spoke out in favor of expanding human biomonitoring at European level.

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## As easy as playing Lego: Clean way to convert carbon dioxide waste into useful industrial products



Chemical engineers at UNSW Sydney have developed a new technology to convert harmful carbon dioxide emissions into chemical building blocks to produce useful industrial products such as fuel and plastics. If adopted on a large scale, the process could give the world a respite in the transition to a green economy.

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## Clean diaper recycling



With an enzymatic recycling process from diaper waste, important basic components for the chemical industry, bioethanol or new polymers can be obtained.

**[Read article](#)**

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