



NEWS

from the **Science of Light**

Dear,

We would like to share with you some of the news about research and people from our institute. We hope you enjoy reading our sixth issue for 2023!

Yours sincerely,

Max Planck Institute for the Science of Light (MPL)

Research

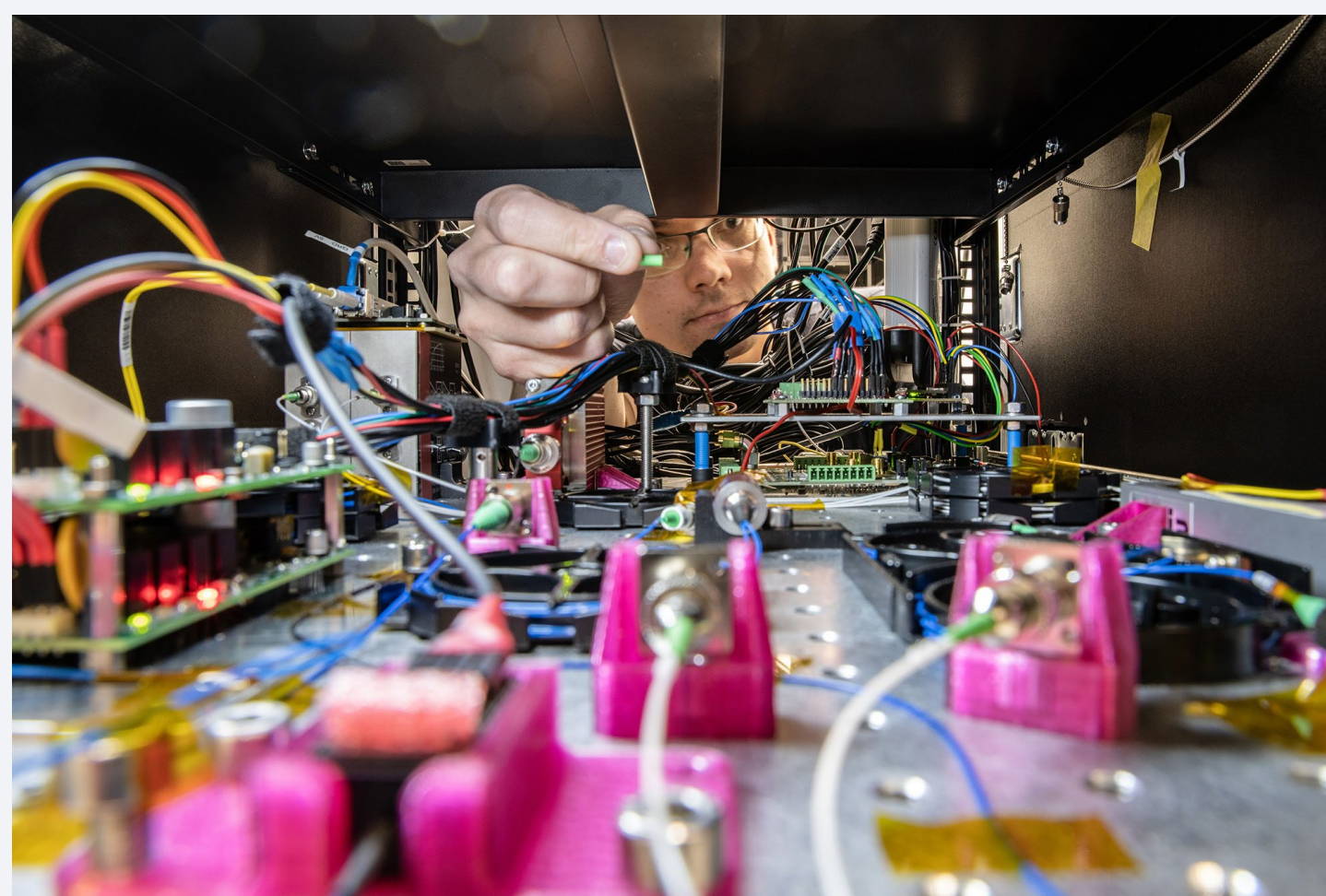
A dual carriageway for signals

Unidirectional transport of signals in pairs of "one-way streets": An international research team including Clara Wanjura from MPL have published a new study in Nature Physics. **> MORE**



QuNET initiative: One step closer to highly secure quantum communication

Researchers from Jena, Berlin, Erlangen-Nuremberg and Wessling have successfully distributed quantum keys between two points using a combination of free-space and fiber links under everyday conditions. They achieved key rates in the kilobit range per second in daylight on a heterogeneous test bed in Jena. Scientists from MPL and FAU made several contributions to the key experiment. **> MORE**



Events

The Board of Trustees of the MPL met in Erlangen in July

On 7th July 2023 the Board of Trustees of the MPL met in Erlangen under the chairmanship of Prof. Dr. Wolfgang M. Heckel, Director General of the Deutsches Museum. **> MORE**



Jobs

Postdoctoral Position in Non-Hermitian Topological Phenomena: The group of Dr. Flore Kunst investigates non-Hermitian topology in different contexts ranging from simple toy models admitting analytical descriptions to open quantum systems. The group also collaborates with local experimental group to directly test their models in the lab. **> MORE**

Postdoctoral Position in Molecular Quantum Optics: Would you like to work in a highly motivated research team that aims to understand and control the interaction of quantum emitters, in particular organic molecules, with their nanoscopic environment and with each other? **> MORE**

Looking for a Master's degree
or Ph.D. at the forefront of optics?

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