**TOUGH FRAGMENTS**

Planets were formed by the agglomeration of dust into solid bodies.

**TOUGH WORK**

Meritxell Huch does not just skip lunch for research.

**TOUGH TEST**

Psychological tasks expose the weaknesses of ChatGPT.

**TOUGH FATE**

Climate change could soon cause island states to sink into the sea.
Two and a Half Miles under the Sea

Transient Youth

A World Full of Hexagons

World Shaking

Born of Dust

The existence of life on Earth is a result of many coincidences – including the structure of our solar system. Researchers are looking into the history of its development.

Madagascar Reaches for the Stars

The very prospect of hosting an astronomical observatory is changing education and science in Madagascar.

Dance of the Black Holes

Astronomy can now look deep into the active nuclei of galaxies, where huge amounts of energy are released. There, researchers have discovered black holes in pairs.

Meritxell Huch

Monitoring the Earth’s Vital Signs

To curb ecological crises such as climate change and species extinction, we need to understand the Earth as a whole. The Max Planck Institutes have contributed greatly to this.

When States Sink

If sea levels continue to rise, some island nations will sink in the foreseeable future. Legal scholars are looking for solutions for the affected countries.

Run, Robot!

For two-legged robots, walking safely is still a challenge. Legs modeled on those of a ratite could make this possible in the future.

Artificial Intelligence on the Couch

The capabilities of artificial intelligence have been much discussed since the release of ChatGPT. Psychological tests with the algorithm led to surprising results.

Pennsylvania, USA

Five Questions on the Costs of Climate Change