







30 | *INFLEXIBLE*

Special training for robots should make it easier for them to deal with new situations.

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Axel Kleidon counters false statements about the energy transition with scientific facts.

62 | *INCARCERATED*

China claims that its scientific research enjoys freedom - the reality looks different.

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Using jellyfish as a model, researchers are developing free-swimming jellyfish bots.

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Our brain's navigation system does more than just help us find our way around in an unfamiliar environment. It is also important for other brain functions – such as memory or abstraction.

30 | Robots Discover the World

So far, robots have been quite inflexible: even small deviations in the tasks they are trained to perform throw them off balance. With tailored training methods, these machines should be able to adapt to new things.

36 | Ignorance Creates Clarity

Knowledge is power – and yet it can make sense to deliberately ignore certain pieces of information. Researchers are investigating why not knowing can be beneficial for navigating our complex world.

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How Political Is Science Allowed to Be?

Planetary crises require collaboration between the world of science and international policy. For a long time, however, the Max Planck Society did not consider itself to be a player in international science diplomacy.

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The movement of water drops across surfaces reveals unexpected application possibilities for materials research.

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China wants to become the leading scientific nation on earth. But how does research function in an authoritarian system

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Each country has its own structures that have been developed to ensure its citizens are provided for financially in retirement, and each have their advantages and disadvantages. Researchers have developed graphics that provide an overview and allow comparisons to be made.

74 | Modeled on a Jellyfish

In the future, swimming robots modeled on cnidarians could help rid coral reefs of plastic waste.

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