



**PiA**® Physik im Advent®  
Noch 24 Experimente bis Weihnachten

**Here we go again, 10th edition:**

## **Physics Experiments in Advent**

**Once again, 24 entertaining physics experiments will be offered this year with the motto "24 more experiments until Christmas" in collaboration with several national and international physical societies and STEM initiatives. There are many great prizes to be won.**

"PiA - Physik im Advent" is an Advent calendar of a special kind: a physics Advent calendar. Behind every little door there is some education and fun. From 1 to 24 December 2022, small physics experiments that can be carried out with standard household materials will be presented every day as videos by Mr. Santa or Ms. Santa. Participants do the experiments and answer a question on the PiA website. The next day, there will be a solution video and, if your answer is correct, a point. At Christmas, all participants will receive individual certificates. For participants with high scores, prizes will be raffled off in the categories of individual, school class or school, for which numerous donors have donated in cash or kind. In addition to iPods, books, and experimental kits, prizes include a jump in a vertical wind tunnel, a ride in a hot air balloon, a flight in a glider or a trip to Dallas to watch NBA basketball games supported by Dirk Nowitzki. Anyone who registers at <https://www.physics-in-advent.org> can participate. Registration is **free of charge** and opens on **1 November**, PiA starts on 1 December. **Posters and flyers** can be requested **free of charge** via the contact form on the PiA website.

„PiA - Physik im Advent" is aimed at children and young people aged between 11 and 18 years, and will take place for the tenth time in 2022. Last year, a new record was set with **67,000 registered participants, 49% of whom were girls, and 2.3 million visitors overall and 1700 prizes.** In addition to children and teenagers, all parents, teachers, students or adults interested in physics phenomena are invited to participate. "PiA - Physics in Advent" is intended to awaken the joy in everyone of experimenting for themselves and offer entertainment and learning at the same time. The calendar is available in English and

German. This year, "PiA - Physics in Advent" takes place in close cooperation with several Ukrainian STEM initiatives and with the support of the Ukrainian Ministry of Education.

The project is supported by numerous people from science, television or politics. The patron is the biophysicist and Nobel Prize winner Professor Erwin Neher.

"PiA - Physik im Advent" is offered by the University of Göttingen with the support of the Wilhelm und Else Heraeus-Stiftung in cooperation with the German, Netherlands, Austrian, Swiss, and European Physics Society, the Association of German Engineers, the German Centre for aerospace, LEIFIPhysik of the Joachim Herz Foundation, the MNU association for the promotion of STEM lessons as well as IUCAA (India), Global Sphere network, Science on Stage, „Komm mach MINT“, „MINT Zukunft schaffen“, ELIXIR, IMCE, EGYGDA und the National University of Kharkiv and takes place in cooperation with the successful project "Maths in Advent" by the German Mathematicians Association (DMV).

For press enquiries, please see texts, audio and video material on the Internet at <https://www.physik-im-advent.de/media> or contact us as below. Further information is available via the website or on the social media channels:

<https://www.pia.eu>

<https://www.physics-in-advent.org>

<https://www.facebook.com/PhysikImAdvent>

<https://twitter.com/PhysicsInAdvent>

<https://www.instagram.com/physikimadvent>

<https://t.me/PhysicsInAdvent>

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By the way, many journalists also enjoy "PiA - Physics in Advent"!