



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

**Every year again:**

## Physical Experiments in Advent

**This year, Ms. and Mr. Santa come in a Corona-compliant manner via video. 24 entertaining physics experiments will again be offered this year under the motto "24 more experiments until Christmas" in cooperation with several national and international physical societies and STEM initiatives. Many great prizes can be won.**

"PiA - Physik im Advent" is an Advent calendar of a special kind: a physical Advent calendar. Behind every little door there is some education and fun. From 1st to 24th December, small physical 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. On the following day, there will be a solution video and, if the answer is correct, a point. At Christmas, all participants will receive individual certificates. Among the best participants, 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 ride in a hot air balloon, a flight in a glider or a trip to Dallas to watch NBA basketball games with Dirk Nowitzki. Anyone who registers at <https://www.physics-in-advent.org> can participate. Registration is **free** and opens on **1st 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 eighth time in 2020. Last year, a new record was set with **44,000 registered participants, 49% of whom were girls, and 1.7 million visitors overall**. In addition to children and teenagers, all parents, teachers, students or adults interested in physical phenomena are invited to participate. "PiA - Physics in Advent" is intended to awaken in all people the joy of experimenting individually and offer entertainment and learning at the same time. The calendar is available in English and German.

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

"PiA - Physik im Advent" is offered by the Georg-August-Universität Göttingen with the support of the Wilhelm und Else Heraeus-Stiftung in cooperation with the Deutsche Physikalische Gesellschaft (DPG), the Österreichische Physikalische Gesellschaft (ÖPG), the Schweizer Physikalische Gesellschaft (SPS), the Netherlands' Physical Society (NNV), the European Physical Society (EPS), the Association of German Engineers (VDI), the German Aerospace Centre (DLR), the MNU Association for the Promotion of MINT Teaching, IUCAA (India), Global Sphere network, Science on Stage, Komm mach MINT and MINT Zukunft schaffen and takes place in cooperation with the successful project "Maths in Advent" of the German Mathematicians Association (DMV).

In order to facilitate the editorial work, the PiA team offers texts, audio and video material on the Internet at <https://www.physik-im-advent.de/media> Further information is available on the website or on the social media channels:

<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"!