



Your specialists of tomorrow

Today's PiA® participants are **your skilled workers of tomorrow**. We have to train them well today, familiarise them with scientific and technical concepts and methods, help them to understand the analogue world "hands-on" and learn the strengths of the digital world in a playful way. Only in this way can they master these techniques and face the challenges of tomorrow with creativity, fun and motivation.

**The only way to learn is to do the research yourself.
You never forget what you discover yourself.
Just ask Columbus!**

PiA® is also a **talent scouting programme**. We use the PiA® results to identify the most talented students in science and technology. Give them, us and yourself a chance. Offer a visit to your company as a prize for the class, giving them an insight into your products, workflows and modern job profiles. This has already led to many internships, apprenticeships or integrated studies and thus to subsequent career choices. You too can benefit from this pool of future specialists.

Requests for support







»PiA® – Physics in Advent« needs your support, no matter what form it takes. So far, we have received support in the form of

- A.) monetary donations
- B.) donations in kind (books, experiment kits, tickets to museums, planetariums, climbing parks...)
- C.) class visits and company tours

Your support can be

- I.) treated as a "donation" (a donation receipt can be issued for donations of 301 euros or more, your logo cannot be shown) or
- II.) as "passive sponsoring" (we can show your logo on the PiA® flyer, poster and website, but cannot issue a donation receipt).

You can reach us at

-  www.physik-im-advent.de und www.pia.eu
-  aquadt@physik-im-advent.de / mail@physik-im-advent.de
-  www.facebook.com/PhysikImAdvent
-  www.twitter.com/PhysikImAdvent
-  www.instagram.com/physikimadvent
-  whatsapp.com/channel/0029VaCXltae5ViGzW9Zd15

Patron of »PiA® – Physics in Advent«

Prof. Dr. Erwin Neher, biophysicist and Nobel Prize winner

PiA® Physics in Advent

– the somewhat different advent calendar every December at physics-in-advent.org



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WILHELM UND ELSE HERAEUS-STIFTUNG

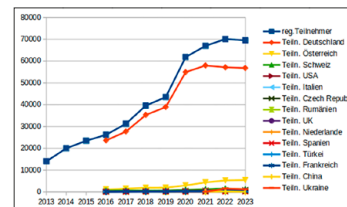


The PiA[®] – Physics in Advent[®] project

»PiA[®] – Physics in Advent« is a special kind of physics Advent calendar. Since 2013, we have been offering students in grades 5 to 10 little experiments to try every day in December with the motto “24 experiments to go until Christmas” via YouTube videos (in German or English, with subtitles in other languages). The students enter the results of the experiments via multiple-choice answers on the PiA[®] website and the next day they see the corresponding solution video including explanations. The large number of prizes that are raffled off among the best individuals, classes or schools is an incentive to participate.

A successful project

Since 2013, the number of registered participants has risen to over **70,000** from **around 70 countries**, including over 63,800 schoolchildren (52% women). From 1 to 24 December, we counted over **2.5 million visitors** to the PiA[®] website, YouTube videos and social media pages. The project received support in the form of video messages from well-known public figures, people who are enthusiastic about physics, as well as from the many donors and sponsors.



Prizes increase motivation

To make the project even more attractive, we are drawing lots of prizes among the best participants in the categories



Weekend special prizes

- Smart pads

Individuals

- A trip to Dallas, USA, to see the Dallas Mavericks play in the NBA, possibly a meet and greet with Dirk Nowitzki
- A trip to London to visit the Harry Potter film studios
- Hot air balloon rides, vertical wind tunnel jumps, free tickets for sporting events and climbing parks, museums or planetariums, books, science kits, etc.

School classes

- books
- class visits to science museums
- class visits to local science and technology companies

Schools

- a physics show by the “Physikanten”
- teaching equipment or software licences for the physics collection.

The aim of PiA[®] is to encourage independent “hands-on” experimentation, trial and error and the understanding of natural physical phenomena without the need for complicated theoretical calculations. The aim of the project is to encourage more young people to study physics and science in general. The main focus of this project is to promote physics and young scientists. PiA[®] – Physics in Advent is offered in cooperation with the Wilhelm and Else Heraeus Foundation and numerous international physics societies and STEM associations.



We would like to thank our numerous supporters for their donations of money or goods! Some of the winners send us photos of their prizes, which are linked to the PiA[®] website.