





## Prizes and Promoters

We thank all of our partners and promoters who support us in realising “PiA® – Physics in Advent” and in particular those who have provided us with prizes for individuals, classes and entire schools.



The project “PiA® – Physics in Advent” is offered by Georg-August-Universität Göttingen 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”, IM3O, EGYDA and the TUM Millenniumschool’s programme.

## You can reach us via

-  [www.physics-in-advent.org](http://www.physics-in-advent.org) and [www.pia.eu](http://www.pia.eu)
-  [mail@physik-im-advent.de](mailto:mail@physik-im-advent.de)
-  [www.facebook.com/PhysikImAdvent](http://www.facebook.com/PhysikImAdvent)
-  [www.twitter.com/PhysicsInAdvent](http://www.twitter.com/PhysicsInAdvent)
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-  [whatsapp.com/channel/0029VaCXItcAe5ViGzW9Zd15](https://whatsapp.com/channel/0029VaCXItcAe5ViGzW9Zd15)

## Patron of “PiA® – Physics in Advent”

Prof. Dr. Erwin Neher, bio-physicist and Nobel Prize winner

Please register from the 1st of November 2023 on our web page as soon as possible in order to obtain all information. Any questions, proposals, suggestions, and donations are welcome. In case you also like astute puzzles in mathematics beyond physics, have a look at [www.mathekalender.de](http://www.mathekalender.de)



Scan code and participate!

# PiA® Physics in Advent

– the somewhat different Advent calendar for December 2023 join in and register now at [physics-in-advent.org](http://physics-in-advent.org)



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## Still 24 experiments until Christmas

You call it playing, we call it doing experiments.

With “PiA® – Physics in Advent”, we created a special and unique kind of **advent calendar**: a physical advent calendar. We introduce young scientists, and everyone who has fun with it, to **24 simple** yet ingenious **experiments and physics puzzles**.

They will arouse interest in doing experiments for yourself and ignite excitement within any observer. We present the solution the following day.

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## How does the advent calendar work?

Between the 1<sup>st</sup> and the 24<sup>th</sup> of December, we show a new video every day introducing a simple experiment, which you can repeat at home with typical household material. You can then submit your answer on our web page throughout the day before seeing the solution video the next day.

**Eligible are students at the age 11 to 18 years, complete classes and entire schools.**

In addition, all **interested adults** are of course also encouraged to solve the puzzles and do the experiments individually or in groups.



# Join in!

## Join-in and win

In addition to the fun with the experiments, you can also win prizes. **The best answers from individual students, school classes or entire schools are awarded prizes** in different age ranges. Prizes are drawn in a lottery among the best participants. The judges' decision is final.

Every participant and each partaking organisation will, in addition, receive a certificate with their personal results and achievements.

