



PiA Physik im Advent
Noch 24 Experimente bis Weihnachten

PiA – Physics in Advent 2018





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What is PiA – Physics in Advent?

Physics in Advent is an Advent calendar of a special kind - a physical Advent calendar! During Advent, young researchers and anyone who enjoys it can solve 24 small simple experiments and physical puzzles and discover the joy of experimenting for themselves.

From 1 to 24 December, an experiment will be presented every day as a video to imitate. On the website the participants can answer the physical question raised in the experiment and watch the resolution of this question as a video. In addition to the fun of experimenting, many great prizes can be won.

Students from grades 5 to 10, i.e. age 11 to 18 years, class associations or even whole schools can take part. Younger or older pupils, parents, students, teachers and anyone interested in physics are cordially invited to take part.

Further information is available at:
www.physics-in-advent.org





Review: PiA – Physics in Advent 2017

With **31,242 registered participants** from 49 countries worldwide, more than 529,000 visits to the website www.physik-im-advent.de, more than 846,000 clicks on this year's PiA films on YouTube as well as about 77,012 clicks on Facebook and twitter, "PiA - Physics in Advent" 2017 was once again very successful and the response significantly higher than last year. With a **total of 1,497,724 registered visits**, a new record was set!

This year we were able to award more than 370 prizes to the PiA participants, which we received as donations in kind or monetary donations. Among them were also visits to research institutions (DESY, PSI, CERN), but also two teacher trainings. As a special prize a trip to Dallas to two NBA basketball games with Dirk Nowitzki was awarded and his personal trainer (and physicist) Holger Geschwindner supported his organization. Furthermore, a trip to Europe was awarded to the best participant from the USA. It was also possible to find numerous technically oriented business enterprises that offered special tours of their companies to the best school classes. This supports the strategy of demonstrating to young people during their school years the diversity of the profession of physicist through concrete examples. Photos of the prize winners can be found on the website <http://www.physik-im-advent.de> under "Winners 2017".





Participants statistics 2017

participants:

31.242 participants

(for comparison 2013: 14.000 / 2014: 20.000 /
2015: 23.427 / 2016: 26.174)

of which students:

28.046

of which teachers:

1.360

of which other adults:

1.836

schools:

932 schools

(for comparison 2014: 617 / 2015: 737 / 2016: 838)

Submitted solutions:

314.556 solutions

(for comparison 2014: 209.462, 2015: 253.262, 2016:

261.287)

