

Statement of participation

Guest user

has completed the free course including any mandatory tests for:

The restless Universe

This 12-hour free course introduced major achievements and figures in the history of physics.

Issue date: 14 March 2022



www.open.edu/openlearn

This statement does not imply the award of credit points nor the conferment of a University Qualification.
This statement confirms that this free course and all mandatory tests were passed by the learner.

Please go to the course on OpenLearn for full details:

<https://www.open.edu/openlearn/science-maths-technology/the-restless-universe/content-section-0>

COURSE CODE: S207_1

The restless Universe

<https://www.open.edu/openlearn/science-maths-technology/the-restless-universe/content-section-0>

Course summary

The restless Universe introduces you to major achievements and figures in the history of physics, from Copernicus to Einstein and beyond. The route from classical to quantum physics will be laid out for you in this free course without recourse to challenging mathematics but with the fundamental features of theories and discoveries described in sufficient detail to whet your appetite for further physics study.

Learning outcomes

By completing this course, the learner should be able to:

- explain the meaning of all the emboldened terms introduced in this course
- explain what is meant by a physical world-view and describe some of the major world-views that have emerged during the evolution of physics
- describe some of the major concepts of physics, give brief biographical sketches of some of the major contributors to the development of physics and name some of the major events that have helped to shape the subject
- comment on some of the philosophical issues that are raised by the study of physics.

Completed study

The learner has completed the following:

Section 1

Physics and the physical world

Section 2

World-views

Section 3

Appendix: Some highlights of physics