Introduction
Trinity College, Cambridge, was founded in 1546 by Henry VIII. Sir Gregory Winter is Master and there are around 190 Fellows covering most branches of learning. There are approximately 700 undergraduate and 350 postgraduate students.

Applications are invited for appointment to a 6-hour Temporary College Lectureship in Natural Sciences (Physics), tenable for 3 years in the first instance, with a possibility of extension for a further 2 years (maximum 5 years, non-renewable). The successful applicant will have considerable experience of teaching students at A Level (or equivalent) or at Part IA of the Natural Sciences Tripos, and will be expected to teach and direct studies for Part IA students.

About 30 Natural Scientists are admitted to Trinity each year. Typically around 20-25 students study Physics in their first year, around 20 in the second and third year. Around 15 continue to Part III.

There are currently four teaching Fellows in natural Sciences (Physics): Professor Zoran Hadzibabic (quantum gases and collective phenomena), Professor Malte Grosche (quantum matter), Professor Valerie Gibson (experimental high energy physics) and Dr Claudio Castelnovo (condensed matter theory). College teaching for undergraduates in Natural Sciences takes place in supervision classes. Undergraduates usually attend these classes in pairs, having prepared some written work or examples beforehand. The College teaching is intended to supplement and reinforce the University teaching. Further information concerning the courses and their contents can be found on the main departmental website at [http://www.natsci.tripos.cam.ac.uk](http://www.natsci.tripos.cam.ac.uk).

The duties of a College Lecturer include

- Teaching of undergraduates in supervision classes (typically of 2 students) for at least 6 hours per week during the 20 teaching weeks of the year. The successful candidate will be expected to be able to supervise primarily in Part IA Physics, but should have the ability, if requested, to cover also the Part IB Physics A and Physics B courses
- Directing studies of undergraduate students, which involves advising students on their studies, arranging their supervisions, encouraging their progress and providing letters of reference. An entertainment allowance is available to help entertaining directees. Lecturers are also encouraged to attend the Matriculation and Graduation Dinners.
- Actively participating in the admissions process. This involves carrying out admission interviews, usually over the course of one week after the end of Michaelmas term and taking part in the ensuing selection meetings. There are Open Days each year when sixth formers come to College. Lecturers are also encouraged to attract more and better candidates, e.g. by making contacts with schools.
- Assisting with the formulation of College academic progress and interview test papers, as required. There is a short examination for first-year students at the beginning of the Lent Term, which Lecturers set and mark.

The Stipend and other benefits
The Lectureship will require 6 hours per week of College teaching (20 weeks per year). The stipend will be set at Step 5 of the College scale for 6-hour lecturers, currently £9,520 per annum, together with other benefits of College membership. Variation is made for supervision above (or below) the specified amount, and additional payments are made for direction of studies and for interviewing candidates for admission. The post is pensionable (USS).

The successful applicant be entitled to a teaching room in the College free of charge, an annual housing allowance of £1,700 (if resident within 20 miles of the city centre), up to 90 meals (lunch or dinner) free of charge per quarter and assistance with research expenses. There are schemes for assisting with computing and book purchases.

Application
Applicants should submit a covering letter; a CV, including a statement of qualifications, publications, and teaching experience; the names of three referees (at least one outside of Cambridge) who should be asked to submit references by the closing date.

Application should be made via the online application system at:
[https://app.casc.cam.ac.uk/fas_live/trinphysics.aspx](https://app.casc.cam.ac.uk/fas_live/trinphysics.aspx)

Closing date: Thursday 23 May 2019.

Interviews: Friday 31 May 2019.