

## PROJECT AGREEMENT FORM

### Engineering Tripos Part IIB 2018/19

To be taken to the Teaching Office (Office Floor, Baker Building) by Friday 8 June 2018 at the latest.

Please write clearly

Name of Student Philip Salmony email: pms67@cam.ac.uk

College Wolfson Director of Studies Dr. Steve Hoath

Project is: Type (a) / ~~Type (b)~~ (delete as appropriate)

Name of Supervisor Dr. Fulvio Forné

Short title of project Self-Balancing Bike

Aims of project (to be filled in by supervisor who should keep photocopy)

Modeling, simulation, and control design  
of an actuated bike. Goal: self-balancing  
with robustness against jacking  
locking; disturbance rejection.

Signature of student Philip Salmony

Signature of supervisor Fulvio Forné

(indicating a definite commitment to supervise the project)

Workshop facilities needed (please tick):

none ☐ insignificant ☒ significant ☐

Central computing facilities needed other than word processing (please tick):

none ☐ insignificant ☒ significant ☐

Any special safety implications None

IMPORTANT: please give project reference no. F-FF286-2 eg B-ANO22 7 / B-ANO2-type(b)

**NOTE: Each student is responsible for handing in his or her form to the Teaching Office.  
DO NOT LEAVE IT WITH A POTENTIAL SUPERVISOR FOR SIGNATURE!**