The University of Bremen is offering – conditional to the release of budgetary funds -
Up to two full PhD positions
(Reference-No. A67/14)

in the newly established "Parallel Computing for Embedded Sensor Systems" group at
the University of Bremen/DLR

Salary is according to the German Federal pay scale TV-L 13.

The group is a collaboration with the DLR (German Aerospace Center), and hence
facilities and resources of the DLR may be made available upon request.

As the group is completely new, I am looking for highly motivated students to help shape
the direction of the group. Although a lot of autonomy to design your own research plan
will be afforded, the intention is that the group will use OpenCL-based parallel computing
on mobile devices for the optical navigation of quadcopters in formation flight.

The students will have funding on the order of three years. Conference attendance is
strongly encouraged, and hence funding for 1 conference per year is afforded.

Requirements:
The applicants should have a control-theory-related Master's degree before the intended
start date so that they can directly enter the PhD program. Furthermore, the thesis must
be written in English. Hence a moderate level of English proficiency is required. German
is useful for getting around, but no German knowledge is actually required.

As the University of Bremen intends to increase the proportion of female employees in
science, women are particularly encouraged to apply. In case of equal personal
aptitudes and qualification, disabled persons will be given priority. Applicants with a
migration background are welcome.

Please send your application with reference number not later than 31.5.2014 to:

Prof. Matthew Hölzel
Universität Bremen
Fachbereich 3
Postfach 33 04 40
28334 Bremen
hoelzel@uni-bremen.de

For a paper-based application, please make sure to only send document copies as all
received application material will be destroyed after the selection process.