POSTDOC POSITION (1.5 yr) AT THE UNIVERSITY OF TWENTE

subsubsection*Analysis and Design of Hybrid Systems using Optimal Control (ADHOC)

For the ADHOC project at the University of Twente, jointly initiated by the Department of Computer Science and the Department of Applied Mathematics, we are inviting applications of qualified postdoc candidates. The project aims at the application of optimal control theory to the design and analysis of hybrid systems. The interdisciplinary nature of hybrid systems opens up the challenge of integrating the theories and methods from both systems theory and computer science. The project is funded by the Netherlands Organization for Scientific Research (NWO) and has a duration of one and a half years.

PROFILE We are looking for a candidate with a PhD in mathematics or computer science. The candidate should have a background in mathematical systems theory, and preferably in calculus of variations and optimal control theory. He or she should have a clear interest in applying systems theoretic concepts to computer science paradigms like automata theory, model checking and symbolic respresentation. The candidate should enjoy working in an internationally oriented research environment. Communicative skills and the ability to work in a team are essential.

APPOINTMENT AND SALARY The candidate will be employed by the faculty of Electical Engineering, Mathematics, and Computer Science (EEMCS) for a period of 1.5 years. The monthly gross salary is dependent on experience and background and ranges from €2191 to €3472.

Infonformation and Application

Information about the groups cooperating in this project can be found at the URLs

`www.math.utwente.nlssbindex_eng.htm`

and

`fmt.cs.utwente.nl`.

Further information may be obtained from the project team:

Dr.ir. Rom Langerak (`langerak@cs.utwente.nl`),

Dr. Jan Willem Polderman (`j.w.polderman@math.utwente.nl`).

You are invited to send an application by email to the persons above, preferably within two weeks after publication of this announcement. Your application should consist of a letter, a curriculum vitae (including detailed information regarding your academic degree) and the names and addresses of two references.