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Subject: In support of Gerhard Fohler's proposal  
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I am writing to lend my support for Dr. Gerhard Fohler's proposal to add a Ph.D. student to the ARTES-funded project titled "Flexible Reliable Timing Constraints".

I have two main reasons to support the induction of one more Ph.D. student:

1. The project has been making impressive progress and even in the short time since the inception of the project, it has developed many new ideas. This, in spite of the fact that compared to the original request for two students, money was granted for just one.

2. As a by-product of the results produced so far and the practical implications of what has been done and what is in the works, industry has become highly interested in furthering its interactions with the project and benefiting from its results. Specifically, Rolls Royce (UK) aircraft engines has indicated the suitability of the techniques envisaged by our project for their aeronautical applications. In particular, an extension to the slot shifting based approach is likely to be quite effective for Rolls Royce applications. This is going to be done by taking an offline schedule and transforming it into fixed priority driven schedules,

Unfortunately, the above cannot be accomplished with the current allocation of one Ph.D. student unless we water down the original goals of the project, which we would not like to do.

Hence I hope ARTES will be able to provide additional support for a Ph.D student to the Flexible Reliable Timing Constraints Project.

If you have any questions, please do not hesitate to contact me.

Thanks.

Krithi Ramamritham