

Anna Kómár – Covering letter

I started working with Prof. Tünde Fülöp (Chalmers University of Technology, Department of Applied Physics, Gothenburg, Sweden) in January 2011, and since then I have been studying the possible interaction between runaway electrons and whistler waves in tokamak plasmas.

So far our collaboration yielded results regarding the question if runaway electrons can destabilize a whistler wave in the near-critical case of the electric field. These results respresented the foundation of my BSc thesis. Apart from work experience I also gained a deeper understanding of the subject and the desire to pursue it further.

As this is an international project, with Prof. Tünde Fülöp as the leading member, it would be highly beneficial for me if I could visit her and be able to consult her on daily basis. I beleive that if I could travel to Gothenburg with the aid of FUSENET, we could start the second phase of this work, and in two weeks probably reach the stage, when our results can be published.

This would be highly advantageous for the project and for my future professional life, since this visit would mean my first international publication. Also, working for two weeks focused only on this research project would be an invaluable work experience for me.