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Dr. Dennis Akos EISLAB, Department of Computer
Science and Electrical Engineering
Luleå University of Technology
971 87 Luleå

Dear Dr. Dennis Akos,

I read on the university homepage about the open PhD research position in Satellite navigation band interference investigation, and found it very interesting.

I'm a graduated Engineering Physicist with specialization to applied mathematics. This means I have done some electro magnetic modeling, primary I've worked a lot with vector algebra and find it both interesting and unchallenging. Mathematical modeling and programming is something I have done a lot, even as a chemist. Since my work was primarily analytical in nature signal processing was a great part of it. The fact that I already have some experience with research studies, I'm looking forward to another project. The fact that my previous project was canceled have only made me more interested in research, and I hope that will cut down on the startup time. Some of the courses I took in signal processing during that time might even be useful together with other courses I am hoping to be able to take.

I have read up on satellite navigation a bit on my free time and find that very interesting. Originally I was planning on studying space engineering here at the university, but I started one year too early. Satellite navigation is something that have always interested me though, and therefore I gladly jump at this project. It sounds very interesting, and would probably be a good start at other space based projects. I am very well versed in Matlab, and know how to handle Linux and program C, even if I lack some experience. I'm hoping to learn a lot more about satellite navigation and look forward to reading up on it, also on understanding the problematics with interferences. Signal analysis is a great interest of mine, and especially the possibility of applying wavelets to this problem.

Since I live on campus, I am available for meetings and questions at most any time. I'm currently unemployed, so I can start working immediately, actually, as soon possible would be preferable.

Yours sincerely,

Lic. Henrik Andrén

encl: CV