

Dwi Cahyono

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HR of NaNoNetworking Center in Catalunya (N3Cat)
Universitat Politècnica de Catalunya (UPC)
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*Application as **Graduate Research Assistantships** – the open position on www.n3cat.upc.edu*

Dear Madam/Sir,

I am interested in applying for the position of **Graduate Research Assistantship** as shown on the website, which is very inline to my background and a strong interest in Terahertz (THz) technology and signal processing. Now, I am a master student at Duisburg-Essen University majoring Embedded System Engineering. And the graduation plan is around August 2018, because I have a blocked-lecture (4 days) in this last semester. My master thesis was “Impact of Antenna Directivities on the Multipath THz Channel” which related to THz channel model, 350 GHz Horn (and lens) and phased array antenna design, antenna misalignment with Gaussian antenna model, hybrid beamforming for THz channel model.

I have experiences in a deadline-oriented environment work, held responsibility in a good teamwork and as an individual working, and implement my numerical, accuracy, and analytical thinking skill in my experience such as a team leader of researcher in Nano-satellite research laboratory and as an assistant laboratory of Microprocessor and interfacing Laboratory at Telkom University, Indonesia where I got the fundamental of micro-processor (& -controller) and FPGA technology. And here in Duisburg, I got a lot of automotive electronics (electric vehicle), embedded and sensors technology and IoT knowledge and projects both theoretical and practice things. Since February 2017 I have worked as research assistant at Digital Signal Processing Institute in Duisburg to support channel measurement system and analysis of mm-Wave and THz communication under DFG project.

Therefore, I am as an enthusiastic candidate would like to gain and deepen my skills and knowledge in *NaNoNetworks* and of course pursue my PhD degree by this work. I am impressed by the reputation and fast growth of the research institute, it would be a great time to be a part of your best team and I am ready to join with your World Class Team. I feel that I am a strong candidate based on my experiences and education. I enclose my CV and other documents which will elaborate more about my skill and experience. I believe that my qualifications will surely meet your needs.

I would welcome an opportunity to have a personal meeting where my qualifications can be further discussed. Please feel free to contact me by phone at +49-152-23401611 or email:

cahyo.dc@gmail.com / dwi.cahyono@stud.uni-due.de.

Thank you very much for your consideration.

Best regards



Dwi Cahyono