

EEMCS BLOG № 12

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Its been quite some time since I started working in the Delft Hyperloop dream team. The exposure that I am getting in the team are immense and priceless. It is helping me improve my intellectual and interpersonal skills. However, I distinctly remember one instance when I grew personally. The team leader Edouard Schneiders gave me the opportunity to represent the team at the TechniShow event in Utrecht. The event was about showcasing the latest technologies for use in the manufacturing industries. The fascinating thing about the event was the technology lane where student teams from around Europe were showcasing their creations. One of the team there was none other than the Delft Hyperloop presenting the Hyperloop technology to the spectators. I was there to tell the people about the potential of the technology and how Delft Hyperloop is working on making it feasible.

I was supposed to be there with another team member but due to some personal issues, he could not make it to the show. When I got to know this, I was really afraid that I would screw up something and would not be able to talk and articulate my thoughts properly to the people coming to see the pod. However, I braced myself and opened the stall for the public. My first guest there was a retired old man. I told him that this is the future of mobility which will travel inside a tunnel which is depressurised upto 0.1 bar. I then told him that we are aiming to break the current world record of 387 kmph held by Virgin Hyperloop One. I guess he was too much enthralled by the number and started telling about his experience with a high speed vehicle he once owned. It was quite an ice breaker!



I did struggle with my limited dutch language skills however, the public was comfortable

with talking in English. But, the most enchanting experience was when a group of school kids showed up with their teacher and asked about the Hyperloop. I told them about the technology and they were thrilled. And boy, you should have looked the awe on their face after I told them about the speed we are aiming to achieve. It was the best feeling ever. I realised something at that time. I realised that as an engineer, the stuff we do is something that inspires the future generation. The work which doesn't inspire the future generation to pursue has failed!

All these things are about Delft Hyperloop but you can ask me how is it related to my studies at the EEMCS faculty at TU Delft? Well, I have an answer for you. In my third quarter, I took a course on the Intelligent Electrical Power Grids which is about the latest advancements, tools and techniques which are aiding Smart Grids to become a reality. In every class, I learned so much new stuff that I was awed and inspired to pursue them and learn more and more about them. Professor Palensky is the promoter of the course and in his lectures I had the same feeling of awe that those kids felt. The same goes for the Power Electronics course by Professor Bauer. I learnt a lot of things about the challenges and opportunities in power engineering for a future with high penetration of renewable energy sources. The professors, teachers and my fellow students at EEMCS faculty inspire me to pass on the Flame of Prometheus to the next generation!