Reduction of loss processes in polymer light-emitting diodes
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After almost seven years of living in Groningen and having passed these years with many friends and colleagues, it would be very difficult to write the acknowledgment part. Before naming and thanking the people in this acknowledgment, I would like to apologize to the ones that I have somehow missed.

I would start with Paul Blom who guided and supervised me through this PhD journey. Paul, it was 2011, just few months before accomplishing the top-master program at Zernike Institute. That time I was looking for a PhD grant that I intended to do immediately after my master degree. One day I met Kamal and he asked about my PhD applications and recommended to apply to your group also. I sent you my CV by email and you never replied to me. I told this to Kamal and he suggested going to your office. As I met you in your office and introduced myself, you welcomed me very friendly and started to explain the position that you had for me and what we would be doing step-by-step in the future. This puzzled me because I expected that you might have other candidates for the position too and you were going to at least have interviews and recommendations, but you were talking in a way that I was the accepted one; just in our first meeting and first contact. If you remember I told even I did not have the needed background for organic electronics and you just told it was not important and you would catch up with the subject very soon! Later on, I was asking my master supervisor about the recommendation request from you and he said he did not receive any request. Therefore, without any regular procedures, you accepted me for this job. When I started the PhD in September 2011, you were coming once every two weeks to Groningen and Herman upon your request shared some results with me and I started to play some SIMSALABIM with his experimental results. Herman taught me to model the experimental results and he was a kind of daily supervisor while you were not in Groningen. I thank Herman who taught me the fundamentals of the work and was very generous in teaching me all details of modeling and the physics behind it while he himself was very busy with writing his thesis at the time. After almost a year that Herman left the group and you left the Netherlands to Mainz, Jan-Anton took over the group here. Although he was not interested in my subject, he was very open and friendly to help me. We discussed my results and he helped me in writing the DPI reports and preparation of slides for presentations. I thank him for all his collaboration and inputs in my scientific life. In the second year, I got a master student. I was interested in the nature of the charge traps and how they are distributed in the organic materials. We planned some experiments, which failed after few months, and I changed the direction of the project. I requested him to make double layer devices and this time we did some very nice experiments. Edmond, I thank you for being part of this project. You have very nice personality and I hope you all the best in your life. Paul, I had some results on modeling but still were lost in the middle of all that data and fits! When I met you in Eindhoven, I saw how beautiful you explained the story and put things meaningfully together and taught me to compose the first paper. I was completing the paper and at the same time working on the polymers from Wuppertal University that was supposed to be my main project. Again, things changed in Groningen. The group of Jan-Anton merged with a bigger group. I was obliged to work alone here without having collaboration with any group. Paul, this time the most impor-
tant event of my PhD happened and it was that you decided to supervise me directly. At the same time, we understood that the materials from Wuppertal had a long way to be suitable as device and needed to be optimized. Therefore, we agreed not to focus on them anymore. You were available at any time I needed help and we could arrange things by Email and phone. Two times, I came to Mainz and we discussed, arranged and scheduled how to write the results. During my stays in Mainz, you and Irina both were very kind and friendly and I enjoyed a lot from your hospitality. You devoted most of your time for me and Irina was very kind to show me the labs and explain how the projects were going on in Mainz. Specially, I am grateful of her for taking me to the doctor when I got toothache. Irina, you are so kind and I hope you all the best in your life and I thank you for your favors and contribution to my papers. Paul, I learned a lot from you during my PhD, beside the scientific aspects I learned how to do science, how to manage data for publication, and how to supervise and plan the works. I never felt any obligation by you to do something and if I had something, you always gave the best advices to do it in a right way and accomplish in a convincing method. I never felt stress from your side; even the time for more than 6 months, I had nothing except the failure of the experiments to report to you. Even when I understood that DPI was not happy with my project progress that time, I felt you were on my side and you believed in me. I got nothing except that you were thinking positive about the job that I was doing. You let me free and to be myself and if I wanted to do a specific experiment or project, you encouraged me and never were negative about my own ideas. I learned from you that an experimental physicist might accompany the experimental results with physical models, which give us better understanding of the results and have an insight about upcoming plans. Paul, to thank you it is not easy just to say thanks! I do NOT know how to express my thanks but have to just go back to that simple word “thanks”. Thank you for giving me this great opportunity, for all your inputs in my scientific life, for your patience, guidance and kindness. I appreciate your profound knowledge, style of project leading, relaxed and friendly and having always a smile on your face in all occasions.

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