

University of Groningen

## Synthetic strategies for modifying dielectric properties and the electron mobility of fullerene derivatives

Jahani Bahnamiri, Fatemeh

**IMPORTANT NOTE:** You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

*Document Version*

Publisher's PDF, also known as Version of record

*Publication date:*

2016

[Link to publication in University of Groningen/UMCG research database](#)

*Citation for published version (APA):*

Jahani Bahnamiri, F. (2016). *Synthetic strategies for modifying dielectric properties and the electron mobility of fullerene derivatives*. Rijksuniversiteit Groningen.

### Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

### Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

*Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.*

# Acknowledgments

This section is the last part of this thesis and my PhD research. Therefore, I would like to take the opportunity to express my gratitude to those people whom without their help and support this thesis could not come into existence.

First and foremost, I would like to thank my promoter Prof. dr. J. C. (Kees) Hummelen. Dear Kees, thank you for giving me the opportunity to work in your research group although I did not know much about OPV and fullerenes. I really appreciate your supervision especially in the beginning of work, when I was almost alone in the lab. You thought me how should I treat fullerenes, I have learned a lot from you.

I would like to thank Dr. Ryan Chiechi for his assistance and constructive comments on my project. Dear Ryan, your approach towards science is inspiring and I appreciate your help for all my questions and concerns. Thank you for all of this and also for teaching me how to get the results into a paper.

I would like to express my gratitude to all the members of reading committee Prof. dr. Maria A. Loi, Prof. Dr. Adriaan J. Minnaard and Prof. Dr. Rint P. Sijbesma for their time and effort to evaluate and improve my thesis. Dear Maria, thank you for the collaboration and remarks on my project.

I would like to appreciate Dr. Remco Havenith for our collaboration and the interesting discussions. Dear Remco, finally we did improve the  $\varepsilon$  to higher than 4 and the back cover of my thesis is not full of 4 anymore ;). Also, I would like to thank Dr. L. Jan Anton Koster for the fruitful collaboration.

I would like to thank Mrs. Renate Hekkema for taking care of all administrative tasks and providing practical information during my stay in the Netherlands. Dear Renate, you were always so nice and friendly to me. I really appreciate all your help and support. Also I would like to thank our great technician Reinder Gooijaarts for his support regarding all kind of issues in the lab.

Special thanks go to Dr. Alex Sieval who had thought me how to do CV and LCMS measurements. Dear Alex thank you for all those helpful and interesting discussions we had. I never forget your help and assistance during my research time.

Next, I wish to mention all past and present member of CBMD group whom I had the opportu-

nity to meet and work with. Hennie, Jelmer, Evgenia, Davide, wenqiang, Zhiyuan, Thijs, Olga, Thomas, Defei, Qiu, Yanxi, Marco, Andrew, Oleg, Piet, Dang, Bouke, Ryan, Wesley; thank you all for your company and the fun atmosphere in the group. Thijs, Thank you very much for the translation of the summary of this manuscript to Dutch. Also I would like to thank you Hilde for the nice collaboration.

Of course, a special thanks goes to all my Persian friends in Groningen specially Parisa&Mehdi. We had a great time together. I also would like to thank my lovely cousin, Sahar. I was so lucky to have you around while being far from home azizam. I wish all the best to all of you in the future.

Evgenia, you have been a great friend to me throughout my PhD. we had a lot of fun together. I never forget our craziness, games, puzzles and interesting stories inside and out of the lab amorfi. I am so blessed to have you azizam. Thank you for being my paranymph.

Most importantly, I would like to express my appreciation to Prof. Dr. Mahmoud Tajbakhsh. If I am here now, if I am finishing my PhD is all because of you. You are my hero. Thank you very much for all your support and help.

I deeply grateful to my lovely parents, brother and sister who stood behind me throughout all stages of my life. No matter success or failure, they are always there and show their full support, trust and unconditional love. My appreciation cannot come into words. You are the best family one ever could ask for.

Last, but not least, I would like to thank my lovely husband, Ali. You have no idea how much you've changed my life for the better honey. I am so blessed to have your love and support through thick and thin. Thank you for all you have done for me. I love you azizam.

Mehrnoosh Jahani

Köln

May 2016

