A modified Langmuir Schaefer method for the creation of functional thin films
Gengler, Régis

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:
2010

Link to publication in University of Groningen/UMCG research database

Citation for published version (APA):

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.

Download date: 06-10-2019
Acknowledgements

Even though this is the last page of this book, somehow, you, maybe like many other persons opened my thesis to read this part first. The reason is simple: while the 157 previous pages testifies and summarizes intense research effort, the next few lines shows the other side of the mirror and testify to the fact that this thesis was finalized with the scientific, technical and personal help and support from many great people and great friends. Therefore I would like to thank here all the persons that made those last four years memorable and successful.

First of all, my gratitude goes to Prof. Petra Rudolf, my promoter. Petra, I still remember the first day I arrived in Groningen as a master student for an Erasmus exchange, this was supposed to make our collaboration period only 4 months long. Eversince that day I felt very welcome in your group. We discovered the power and possibilities of the Langmuir-Schaefer simultaneously since it was a new project for me as well as for you. Soon we were producing the very exciting first results. I really felt your enthusiasm about the project and your support never faded over the years as we were progressing from simple to much more complex systems. I’m extremely grateful for that support and all the trust you put in me while letting me explore all kinds of idea. I’m equally grateful for the trust and responsibility you gave me, leading to a period were you made me responsible for the majority of the scientific equipments of your lab, I learned technically and scientifically a lot. For all this, thank you.

Though nothing official links us, except some great papers, I would like to thank Prof. Dimitrios Gournis who gave me great guidance throughout this years. Not only has it been an honor to work with you thanks to your great knowledge about our field, but it was also a lot of fun. Your permanent enthusiasm, support, all your ideas and your great humor helped me moving towards this year, and I wish we will still collaborate for many years. I thank you as a student and as a friend.

Thanks to the reading committee members Prof. Palstra and Prof. Schoonheydt for their feedback and comments.

There are many other people who offer me guidance or technical support, for the lab, Arend Heeres, Luc Venema and Hans Van der Veen. You all three share the
same opinion: before anything else a PhD must be capable of understanding the machine he or she is working on, and not simply follow a list of instruction without knowing the deeper meaning of it. I so much agree. I was always glad to have had your help while discussing technical issues, thanks for the fun time we had (dis)mounting or maintaining various equipments in the lab. I wish you all best for the future. The last years I have seen various secretaries Renate, Sonja and Yvonne helping with various levels of enthusiasm for bureaucratic issues. Thanks to them. Yvonne thanks for the efficient support you gave me in the few last months of my PhD.

Among the people I collaborated with, I’m indebted to Luminita Toma with whom I perform fruitful research during 2 years.

Along the years, many other helped me in our investigations; I appreciate the many students working under my supervision who by their questions and curiosity deepened our shared knowledge of the research topic. Thanks to Asem Apoumogli, Eric Prinsen, Akfny Ashdi Aimon (and her famous white photon) and last be not least Elke De Jong. Elke thanks for all the fun we had discussing, doing experiments and thanks for translation of this thesis’s summary.

I’m as well thankful to the many collaborator I worked with starting form the Prussian blue analogue (Trust II) group members, Prof. van Loosdrecht, Prof. Broer, Prof. van Koningbruggen, Tom Lummen, Javier Luzon, Estelle Verteleman. And the people with whom I collaborated in various synchrotron marathons, Carla Bittencourt, Alex Felten, Jacques Ghijsen, Marcella, Dorota. As well as Lindsay Egan and her supervisor Serena Margadonna

I’m as well grateful to the opportunity I had to collaborate with Prof. Bart van Wees and his research staff, Csaba Jozsa and Alina Veligura. Alina, it was a pleasure working with someone like you, so competent and professional but still fun to work with.
Thanks to Prof. Gournis and his Student Apostolos, Evmorfia and Aphrodiy for their effort and kind collaboration.

Special tanks to the “surfaces and thin films” team who has evolved over the year in nationality, age and style; chronologically, thanks to Enrico, Monica, Sandra, Yu, Rene, Luca, Ben, Naureen, Stephano, Eugnio. Many thanks to my ex-officemates, Imad, Marcella and Tulio. Special thanks to Oleksii Kalashnikov for being so fun and a great scientist to talk to, as well as Xiaonan Sun for all the
discussions we had and Fabien Silly, Fabien thanks for your great advices that really guided me in the choice of my future, and thanks for all the fun you brought to the lab while you were still part of it. Many thanks to Roberto Macovez, Robert, your enthusiasm for science inspired me and it was a great time when you were around, I enjoyed our scientific and pseudo philosophic discussions, the basket ball time and of course the fish.

Finally I would like to thank all the people (I didn’t cited yet) that made the last four years in Groningen memorable, my paranymphe Kostas Spyrou and Martijn Kuik, dear friends, thanks for all the fun, discussions, sporting time we had together. Dorota who was always next-door, thanks for all the good times we had sharing a flat. Thanks to the unofficial Zernike sport crew with whom I enjoyed cycling and/or skating, Bernard, Simon, Ard, Gijsbert, Johan, Jan. Thanks to friends and colleagues from the MEPOS group that always made me feel welcome to join them during work meetings (Ameland Summer school, Vlieland biannual Zernike symposium) unofficial work discussion (coffee break) and after-work discussion (stad in, de 9e cirkel). So thanks to Herman, Johan, Auke, Hylke, Femke, Jurre, Gert-Jan and Krisztina, Oleksandr, Ileas, Jia. Thanks to all the Zernike crew ex-residents of Pintelier every friday, Tatiana, Alessio, Filippo, Daniele, Laura, Fabrizio and the one I forget.

Last but not least I’m grateful to my parents who more then anyone have supported me over the years, teached me the joy of learning, and helped me to fight for what I desire.