Ultra-broadband Terahertz spectroscopy with Terahertz air photonics
D'Angelo, F.

Citation for published version (APA):
D'Angelo, F. (2016). Ultra-broadband Terahertz spectroscopy with Terahertz air photonics

General rights
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), other than for strictly personal, individual use, unless the work is under an open content license (like Creative Commons).

Disclaimer/Complaints regulations
If you believe that digital publication of certain material infringes any of your rights or (privacy) interests, please let the Library know, stating your reasons. In case of a legitimate complaint, the Library will make the material inaccessible and/or remove it from the website. Please Ask the Library: http://uba.uva.nl/en/contact, or a letter to: Library of the University of Amsterdam, Secretariat, Singel 425, 1012 WP Amsterdam, The Netherlands. You will be contacted as soon as possible.

UvA-DARE is a service provided by the library of the University of Amsterdam (http://dare.uva.nl)

Download date: 03 Jan 2019
ACKNOWLEDGMENTS

The work described in this thesis would not have been possible without the precious support of a lot of people. Hence, I apologize in advance if this chapter appears only as a short and regrettably incomplete list of thanks to those people with whom I shared victories and failures of my Ph.D.

First, I would like to express my gratitude to my supervisors prof. Mischa Bonn and prof. Dmitry Turchinovich: thank you for giving me the opportunity to have this experience. I have really learned a lot from you in these years! I am also grateful to all the members of my Doctorate Committee for their willingness to evaluate my thesis and participate in my Ph.D. ceremony. Next, I would like to thank all the highly competent collaborators with whom I had the honor to work during these years as a Ph.D. student. I am particularly grateful to dr. Hynek Němec and prof. Petr Kužel who made possible a significant part of this thesis, and to Enrique Cánovas and Sapun H. Parekh, for their precious and passionate scientific support and for being good mentors and fellows in different occasions. Thank you very much!

I would also like to thank each member of the “Ultrafast Dynamics and Terahertz Spectroscopy” group. Let me start with Zoltán Mics, one of my impeccable paranymphs. Thank you Zoltán for being a trusty support through both good and bad luck! I will not forget our enjoyable conversations, all our good memories and your priceless help. Thanks a lot! A special thank to Søren Jensen whom I annoyed with my silly requests from the very beginning of my Ph.D. until after he left for other shores. I would also like to thank Zuanming Jin for his docility and competence, Ivan Ivanov for his determination and talent, Byung Cheol Park for his affability and willingness, Keno Krewer for his earnestness and encyclopedic knowledge, Heejae Kim for her gentleness and grit, Xiaomin Liu for her perseverance and spirit of sacrifice.

Hai Wang and Leonie Driessen, thank you so much for showing me that one can be gentle, determined and passionate for science at the same time. I consider myself very lucky to have met you and your families. I am sure that your little Isa will enjoy Hai’s jokes at least as much as I did in these four years. I would also like to thank all my other office mates, starting from Marc-Jan Van Zadel who had been sitting on my right side (physically and metaphorically)
since the beginning of my Ph.D. Thank you, Marc, especially for closing the window blades with your typical surgical precision...You know it and I know it as well: we are gonna miss each other a lot...but YKW?IGH! Thank you, Frederik Fleißner. I have always admired your patience and affability. I will miss our ritual cups of coffee after lunch. Thank you, Gabi Hermann, for making the atmosphere in the office so relaxed and friendly regardless of your reserved character.

Special thanks to Laurie Gangloff: I would not have been able to survive the jungle of bureaucracy without Laurie’s priceless help! I would also like to thank all the AK-Bonn group members with whom I often shared much more than my working time. I would start with thanking the AK-Bonn group leaders, Yuki Nagata, Johannes Hunger, Ellen Backus, Maksim Grechko, Katrin F. Domke, Grazia Gonnella, Tobias Weidner, Bernhard Menges and prof. C. Bubeck. I wish I could also thank all my colleagues one by one, however, as the “Molecular Spectroscopy” group is continuously expanding, I must admit that a personal acknowledgment would make this chapter too long and tedious. Hence, let me just thank a representative part of the “old generation”, such as Gianluca Rago, Ruben Pool, William Rock, Kamilla Mazur, Niels Billecke, Ruth and Andy Livingstone, Stephan Kraus, Cho-Shuen Hsieh, Maria Perez, Masanari Okuno and Victor Volkov as well as Melike Karakus, with whom I shared a fruitful collaboration, Alejandra Sánchez, Samet Varol, Natalia Sabanés, Vasileios Balos, Michael Donovan, Johannes Franz, Helmut Lutz, Lars Schmüser and Philipp Schäfer. I would also like to thank a representative part of the “new generation” of Ph.D. students and postdocs, especially Sergio Mauri, Saman Hosseinpour, Simon Schmitt, Mischa Schwendy, Lisa Dreier, Christian Malm and Soham Roy. Many thanks to all the AK-Bonn members!

I considered myself particularly lucky since my experience as a Ph.D. in Mainz gave me the opportunity to meet a lot of nice people and I made many new friends such as Gianluca, Domenico, Sandra, Irina, Janina, Vincenzo, Andrea, Licia, Barbara. I really must say thank you all for being such an affectionate presence in my life! Of course, time and distance cannot erase all my aged solid friendship relations. At this point, I am afraid there might not be enough room for mentioning each single person. Hence, I beg pardon if I limit my acknowledgments to those who more actively supported my stay in Mainz like Lello, Paolo, Peppino, Maurizio, Nello, Ottavio, Francesco, Piero, Andrea, Enzo and Rodolfo, who helped me with preparing the cover of this thesis. I am also especially grateful to Arturo who showed me that *semel pater semper* is not just a Latin motto. Let me also say thank you to Carola, Werner, Nora
and Matthias for making me feel warmly welcome since the first time we met. Vielen Dank!

Here it comes the hardest part. How can I find appropriate thankful words for you, Laura? I am afraid that such a kind of words would just be too empty, since we can only speak our secret language...e questa sola ci basta. Finally, I would like to thank my family which remains my irreplaceable reference wherever I go: my mom Maria Laura, my dad Giuseppe, my sister Antonietta as well as Paolo and little Pietro, the latest (and cutest) of the family. Grazie!