

Preface

This book is a reprint of the manuscript entitled “Device architecture and materials for organic light-emitting devices”, that was submitted to the jury deciding on the achievement of my PhD at the Katholieke Universiteit Leuven in Belgium. It is the result of five years fascinating research at imec in Leuven, Belgium, between 2004 and 2009. Different people contributed to my work and I want to show gratitude to all of them. First, I would like to thank my two promoters, Prof. Paul Heremans (KUL/imec) and Prof. Robert Mertens (KUL/imec) who gave me the opportunity to start a PhD in an inspiring environment as imec. I am also very grateful to the other PhD jury members who took the time to carefully read my manuscript: Prof. Mark van der Auweraer (KUL), Prof. Jan Engelen (KUL), Prof. Henning Sirringhaus (University of Cambridge), Prof. Uli Lemmer (Universität Karlsruhe) and Prof. Adhemar Bultheel (KUL). My special thanks go to Andrey Kadashchuk for introducing me into the exciting world of spectroscopy and for the many scientific discussions, but of course also all other colleagues of the Polymer and Molecular Electronics group at imec with whom I worked together during my PhD are gratefully acknowledged. Besides, I would like to thank Thilo Stöferle (IBM Research Zurich), Tobias Plötzing (RWTH Aachen) and Thorsten Wahlbrink (AMO GmbH) for the nice collaboration. The FWO is acknowledged for the financial support. Finally, I warmly thank my family for their continuous support and interest in my work.

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<http://www.springer.com/978-94-007-1607-0>

Device Architecture and Materials for Organic
Light-Emitting Devices
Targeting High Current Densities and Control of the
Triplet Concentration
Schols, S.
2011, XV, 154 p., Hardcover
ISBN: 978-94-007-1607-0