



rijksuniversiteit  
 groningen

# Device physics of organic field-effect transistor

Proefschrift

Device physics of  
organic field-effect transistors

Jakob Jan Brondijk  
PhD thesis  
University of Groningen

Zernike Institute PhD thesis series 2012-13  
ISSN: 1570-1530  
ISBN: 978-90-367-5666-2 (Printed version)  
978-90-367-5667-9 (Electronic version)

The research presented in this thesis was performed in the research group Molecular Electronics of the Zernike Institute for Advanced Materials at the University of Groningen, The Netherlands. The work was funded by the European Commission under FP6 project 'BIODOT' (no. NMP-032652), and under FP7 project 'ONE-P' (no. 212311).



Jakob Jan Brondijk

door

geboren op 25 december 1981  
te Meppel

ter verkrijging van het doctoraat in de  
Wiskunde en Natuurwetenschappen  
aan de Rijksuniversiteit Groningen  
op gezag van de  
Rector Magnificus, dr. E. Sterken,  
in het openbaar te verdedigen op  
vrijdag 7 september 2012  
om 16.15 uur

Zernike Institute PhD thesis series 2012-09

ISSN 1570-1530

ISBN (printed) 978-90-367-5463-7

ISBN (electronic) 978-90-367-5462-0



university of  
 groningen

faculty of mathematics and  
 natural sciences

zernike institute for  
 advanced materials