


# Curriculum Vitae

<b>Prof. Dr. rer. nat. Egbert Figgemeier</b>		
Birth date: 04.02.1971		
RWTH Aachen University Helmholtz-Institut Münster – IEK-12 Institute for Power Electronics & Electrical Drives (ISEA) Professor for Ageing and Lifetime Prediction of Batteries Jaegerstrasse 17-19, 52066 Aachen / Germany		
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<b>Work Experience – Academic &amp; Industry</b>		
Since 05/2016	W2 Professorship at RWTH Aachen University (Faculty of Electric Engineering) and group leader Helmholtz-Institute Münster (Research Center Juelich) “Aging and Reliability of Batteries”	
2012 - 2016	Senior application engineer for battery and energy storage materials at 3M Germany, Neuss	
2007 – 2012	Lab Head and Manager at Bayer Technology Services, GmbH, Leverkusen, Germany	
2004 – 2007	Group leader and Treubel Foundation Fellow at the University of Basel, Switzerland	
2001 – 2004	Researcher and Marie-Curie-Fellow at the University of Uppsala, Sweden	
1998 – 2000	Post-Doc at Dublin City University, Dublin, Ireland and at University of Basel, Switzerland	
1998	PhD in Physical Chemistry at University of Paderborn	
1996	Diploma in Chemistry at University of Paderborn	
<b>Selected Key Activities</b>		
<ul style="list-style-type: none"> <li>Investigation of degradation mechanisms in Lithium ion battery cells</li> <li>Materials and product development at 3M and Bayer</li> <li>Key expert at 3M and Bayer for energy storage materials</li> <li>Business development manager for energy storage materials at 3M and Bayer Material Science</li> <li>R&amp;D work at the Universities of Dublin, Basel and Uppsala in the area of electrochemistry and photoelectrochemistry</li> </ul>		
<b>Additional selected Activities and Memberships</b>		
<ul style="list-style-type: none"> <li>Selected expert for battery and energy storage, evaluating proposals for the European Commission</li> <li>Kompetenznetzwerk Lithium Ionen Batterie (KLiB)</li> <li>Energy Materials Industrial Research Initiative (EMIRI)</li> </ul>		
<b>Honors and Awards</b>		
2016	CTEI (Circle for Technological Excellence and Innovation) Award of 3M Incorporation for outstanding achievement in the development of materials for Lithium ion batteries	
2015	Selected for high-potential program for management program by 3M Germany	
2009	Selected for high-potential program for future leaders by Bayer AG	
2006	Colano Innovation Award for an innovative solar cell design	
2004 - 2006	Fellowship for Habilitation by Treube Foundation, Switzerland	
2002 - 2004	Marie-Curie-Fellow of the European Union	

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<b>Track Record in Research – Publications &amp; Citation Index</b>
Thomson Reuters "Web of Science": 64 Scientific Publication & Patents; 860 Citations
Google Scholar: 1241 Citations, h-index 20
Presentation at international scientific conferences: > 30