

Curriculum Vitae

Prof. Dr. Andreas Walter Bett



University Education and Academic Career

University Education

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| 1982 – 1989 | Studies of physics, mathematics and sports (diplom and state examination), University Freiburg |
| 1987 – 1988 | Diploma (master) thesis: “Optimizing GaAs/AlGaAs epitaxial layers for application in solar cells” |

Degrees

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| 07/1988 | Diploma (master) examination (University Freiburg) |
| 05/1989 | 1st state examination in Mathematics and Physics (University Freiburg) |
| 08/1992 | PhD examination at the University of Konstanz, Germany; PhD thesis “Development of GaAs solar cells on foreign substrates” |

04/2020 Professorship “Solar Energy Materials and Technologies” in the Faculty of Mathematics and Physics, University of Freiburg (in conjunction with Directorship of the Fraunhofer Institute for Solar Energy Systems ISE), accepted

Professional Career

Fraunhofer Institute for Solar Energy Systems ISE, Freiburg, Germany

1986	Student research assistant, Graduand
1988	Scientific employee
1993 – 2006	Head of the group “III-V Solar Cells and Epitaxy”
2007 – 2016	Division Director MST “Materials – Solar Cells and Technology”
2009 – 2016	Deputy Director of Fraunhofer ISE
Since 2017	Institute Director, Fraunhofer Institute for Solar Energy Systems ISE, Freiburg (together with Prof. Dr. Hans-Martin Henning)

Further Activities and Functions

Activities and Memberships

	Member of the IEC Working group TC82 WG7
	Member of the DPG and IEEE
	Member of several scientific conference committees (IEEE PVSC, EC-PVSC, Int.-CPV, TPV)
	General chairmanship from the CPV-6, the sixth international conference to Konzentratortovoltaiksystemen in 2010 and CPV-12 in 2016 in Freiburg
Since 2005	Member of the Steering Committee European Technology and Innovation Platform Photovoltaics ETIP PV (http://www.etip-pv.eu)
2006	Co-founder of the Fraunhofer spin-off Concentrix Solar GmbH, Freiburg. The Concentrix Solar GmbH (later: Soitec Solar GmbH) belonged to the world-leading CPV-enterprises
2006 – 2009	Member of the supervisory board from Concentrix Solar GmbH, Freiburg
2006 – 2011	Member of the scientific advisory board from Zenith Solar, Nes Tziona, Israel
Since 2008	Board Director of the CPV-Consortium (http://cpvconsortium.org)
2010 – 2015	Member of the supervisory board from S'tile, Poitiers, Frankreich

Since 2010	Member of the scientific advisory board from the Keystate Lab, Trina Solar, China
Since 2010	Member of the scientific advisory board from Black Photon Instruments GmbH, Freiburg
Since 2010	Member of the International Advisory Committee of the IEEE-PVSC
2011	Co-founder of Focusic (China) New Energy Holding Co, Ltd
2012 – 2016	Board Director of Solar Valley, Bitterfeld-Wolfen
2015	Co-founder of the Fraunhofer spin-off NexWafe GmbH in Freiburg
Since 2016	Member of the supervisory board from NexWafe GmbH, Freiburg
Since 2016	Member of the International Advisory Committee Asian PVSEC
Since 2016	Mentor of the working group “Alternative Konzepte und Materialien” of the german “Forschungsnetzwerk Energie”
2020/2021	Member of the advisory committee of the 26th “PV-Symposium“

Awards

2009	17. European Becquerel-Prize Honouring by the European Commission for his achievements in multi-junction cell development and CPV module and system technology (https://www.becquerel-prize.org/previous-becquerel-prize-winners/)
2010	Joseph-von-Fraunhofer-Award for outstanding scientific achievements
2010	EARTO Innovation Prize (https://www.earto.eu/rto-innovation/)
2011	Nominated for the Innovation Prize of the German President (http://www.deutscher-zukunftspreis.de/de/media)
2012	Together with Günther Cramer and Hansjoerg Lerchenmueller awarded with the high-ranking Deutscher Umweltpreis (worth 500.000 €) for his efforts and achievements in industrialisation of CPV technology (http://www.dbu.de/343.html)

Publications

More than 400 publications since 1988
 > 109 publications in Reviewed Journal Papers
 9 Contributions to Books
 Inventor and Co-Inventor from 19 Patentfamilies; 28 patents were granted