

Curriculum Vitae

Prof. Dr. Andreas Walter Bett



University Education and Academic Career

University Education

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| 1982 – 1989 | Studies of physics (diplom and state examination), mathematics (state examination) and sports, 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 in physics (University Freiburg) |
| 05/1989 | 1 st 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” |

Professorship

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| 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) |
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Professional Career

Fraunhofer Institute for Solar Energy Systems ISE, Freiburg, Germany

1987	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 DPG
	Member of IEEE, since 2019 senior member
2005 - 2017	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, NesTziona, Israel
2015	Co-founder of the Fraunhofer spin-off NexWafe GmbH in Freiburg
2016 - 2021	Member of the supervisory board from NexWafe GmbH, Freiburg
since 2016	Member of the International Advisory Committee PVSEC
since 2017	Member of the Management Committee Forschungsverbund Erneuerbare Energien FVEE https://www.fvee.de/
since 2017	Member of the Board of Directors Solar Energy Engineering, Online Master Course of the Albert-Ludwigs-University, https://www.wb.uni-freiburg.de/wb/angebote/see-msc
since 2017	Member of the Lenkungskreis des Leistungszentrum Nachhaltigkeit of the University of Freiburg, https://www.leistungszentrum-nachhaltigkeit.de/
since 2018	Board member of ESMC (European Solar Manufacturing Council), https://esmc.solar/
since 2020	Member of the PV Symposium Conference Advisory Board (https://www.pv-symposium.de/) 2022: scientific director of the symposium
since 2020	Member of IPVF International Advisory Committee, Paris, France https://www.ipvf.fr/

since 2020	Member of the Board of Trustees Freiburger Materialforschungszentrum FMF https://www.fmf.uni-freiburg.de/de/ueber-uns/personalia/kuratorium
2021 – 2022	Co-lead of the ESYS working group „Klimagerechter Ausbau von Photovoltaik und Wind“, https://energiesysteme-zukunft.de/projekt/arbeitsgruppen
since 2021	Member of the University Council Hochschule Offenburg
since 2021	Member of the Committee „Wirtschaft und Wissenschaft“ of the city Freiburg
since 2021	Member of the Board of Directors of Förderverein Solare Energiesysteme, https://ise-foerderverein.de/
since 2022	Member and Chairman of the Technical Advisory Board of NexWafe GmbH, Freiburg
since 2022	Member of the Zentrum Erneuerbare Energien (ZEE) of the Albert-Ludwigs-University of Freiburg

Honors and 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-Prize (https://www.fraunhofer.de/de/ueber-fraunhofer/wissenschaftliche-exzellenz/archiv/2010/joseph-von-fraunhofer-preis-2010/fraunhoferpreis1.html)
2010	EARTO Innovation Prize (http://www.earto.eu/earto-events/earto-innovation-awards.html)
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 (https://www.dbu.de/2418.html)
2023	Werner Siemens-Foundation: WSS-Research Award for „Höchsteffiziente Erzeugung von Strom und Wasserstoff aus der Solarenergie“ at the ideas competition https://www.wernersiemens-stiftung.ch/detail/festliche-verleihung-der-sechs-wss-forschungspreise

Publications

Scopus h-graph: 48

Link Publica-Profil: [Bett, Andreas W. \(fraunhofer.de\)](https://www.fraunhofer.de/de/ueber-fraunhofer/wissenschaftliche-exzellenz/andreas-walter-bett)

> 474 publications since 1988

> 140 publications in Reviewed Journal Papers

12 Contributions to Books

Inventor and Co-Inventor from 20 patent families; 44 patents were granted