



CURRICULUM VITAE

Markus Wolperdinger, PhD

Director of Fraunhofer Institute for Interfacial Engineering and Biotechnology IGB

PERSONAL INFORMATION

Date of birth	May 6, 1963
Adress	Fraunhofer Institute for Interfacial Engineering and Biotechnology IGB Nobelstr. 12 70569 Stuttgart Germany Phone +49 711 970-4410 markus.wolperdinger@igb.fraunhofer.de

PROFESSIONAL CAREER

Since 03/2018	Director , Fraunhofer Institute for Interfacial Engineering and Biotechnology IGB – Stuttgart
01/2018 – 02/2018	Advisor and design. Director , Fraunhofer Institute for Interfacial Engineering and Biotechnology IGB – Stuttgart
12/2012 – 12/2017	Vice President Biotechnology Plants and Senior Manager Public Funding , Linde AG, Engineering Division & Linde Gas – Dresden, Pullach
01/2011 – 12/2012	Head of Business Development Biotechnology Plants , Linde Engineering Dresden GmbH – Dresden
07/2006 – 12/2010	Head of Relocation and Strategy Industrial Biotechnology , InfraLeuna GmbH – Leuna
11/2000 – 06/2006	Managing Director , Munich Innovative Biomaterials GmbH – Marburg, Leuna
11/1998 – 10/2000	Director of Product Development , Innovative Lasers Corporation – Tucson, USA
06/1995 – 10/1998	Senior Research Scientist , Innovative Lasers Corporation – Tucson, USA
10/1991 – 05/1995	Research Scientist , Ludwig-Maximilians-Universität, Institute for Physical Chemistry – Munich
09/1979 – 05/1982	State Certified Laboratory Technician (Chemistry) , Wacker Chemie – Munich

ACADEMIC DEGREES

03/1995	PhD (Dr. rer. nat.), Ludwig-Maximilians-Universität – Munich
07/1991	Master Degree (Diplomchemiker), Ludwig-Maximilians-Universität – Munich

EDUCATION

1991 – 1995	PhD Thesis , Physical Chemistry, Ludwig-Maximilians-University – Munich
1985 – 1991	BS and MS Chemistry , Ludwig-Maximilians-University – Munich
1984 – 1985	Military Service
1982 – 1984	College (Abitur)
1979 – 1982	Apprenticeship for State Certified Laboratory Technician (Chemistry)
1969 – 1979	School education

BOARDS AND COMMITTEES

Since 2022	Member of the Presidential council of the Fraunhofer Gesellschaft
Since 2022	Chairperson of the Fraunhofer Group for Resources Technologies and Bioeconomy
Since 2022	Representative of the state of Baden-Württemberg in the Bioeconomy Working Group of the German States
2021 – 2022	Deputy chairperson of the Fraunhofer Group for Resources Technologies and Bioeconomy
Since 2021	Member of the VDI guideline committee on the Bioeconomy, biological transformation and biologization – Terms and definitions, and methods
Since 2021	Member of the Advisory Board BIOKET, Global Conference on Processes and Technologies applied to Biomass
2020 – 2023	Deputy chairperson of the Bioeconomy Council of the German federal government
2020 – 2021	Member of the working group “Wald- und Holzforschung (AG-WUHF)” of the Federal Ministries of Food and Agriculture (BMEL) and Education and Research (BMBF)
Since 2020	Board of Directors of the High-Performance Center Mass Personalization, Stuttgart
Since 2020	Co-chairman of the Advisory Board “Nachhaltige Bioökonomie” of the state of Baden-Württemberg
Since 2020	Co-spokesperson of the Fraunhofer Strategic Research Field “Bioeconomy”
Since 2020	Jury member for the “Bioökonomie – Innovationen für den ländlichen Raum” ideas competition of the state of Baden-Württemberg
Since 2020	Member of the scientific committee of the International Bioeconomy Congress Baden-Württemberg
2019 – 2020	Member of the steering committee “NewWork@Fraunhofer” of the Executive Board of the Fraunhofer-Gesellschaft
Since 2019	Member of the joint commission of the Federal Ministry for Economic Affairs and Energy (BMWi) and the Federal Ministry of Education and Research (BMBF) on the dialogue platform “Industrial Bioeconomy”
2019	Jury member for the Environmental Technology Award Baden-Württemberg 2019

2018 – 2020	Co-coordinator of the Key Strategic Initiative “Biological Transformation” of the Fraunhofer-Gesellschaft, thematic area “Bioeconomy”
Since 2018	Member of Expert Commission “From Biology to Innovation” of the Federal Ministry of Education and Research (BMBF)
2018	Reviewer for the Innovation Award of the state of North Rhine-Westphalia 2019
Since 2017	Member of the joint working committee “Bioökonomie” of ProcessNet and the Advisory Board of DECHEMA working committee “Biotechnologie nachwachsender Rohstoffe”
2017	Member of the commission of the Federal Ministry of Education and Research (BMBF) “Bioeconomy – a transformation process. Where does the industry stand?”
2017	Member of the Linde AG evaluation team for the 6. Sibur “International Ideas Awards”
2016, 2020	Member of the commission of the Federal Ministry of Education and Research (BMBF) for the evaluation of strategic alliances within the framework of the “Innovationsinitiative industrielle Biotechnologie”
2016	Member of the commission of the Federal Ministry of Education and Research (BMBF) for the evaluation of the program “Zukunftsperspektiven der Bioökonomie, Validierung der Schlussfolgerungen der Evaluierung der NFSB und Empfehlung für künftige Perspektiven”
2016	Member of the evaluation committee of the Linde AG “Global Innovation Challenge 2016”
2015 – 2016	Member of the industrial advisory group of the “AERTO Bio-based Economy Project”, EARTOs – European Association of Research and Technology Organizations
2014	Member of the evaluation committee for the Fraunhofer Center for Chemical-Biotechnological Processes CBP in Leuna
2012 – 2018	Member of the Advisory Board of the Fraunhofer Center for Chemical-Biotechnological Processes CBP in Leuna
2012 – 2018	Founding board member of BioEconomy e.V. for the strategy implementation of the German “Spitzencluster BioEconomy”, a national Spitzencluster of the Federal Ministry of Education and Research (BMBF)
2012 – 2015	Member of the committee “INRO – Initiative Nachhaltige Rohstoffbereitstellung für die stoffliche Biomassenutzung”, of the former Federal Ministry of Food and Agriculture and Consumer Protection (BMELV)
2012 – 2013	Member of “ABIOM – Advanced Biofuels Working Group der European Biomass Association”
2011 – 2018	Member and chairman (since 2014) of the of the board of trustees of the Fraunhofer Institute for Interfacial Engineering and Biotechnology IGB in Stuttgart
2010 – 2012	Member of the 4-person application team for the German “Spitzencluster BioEconomy” within the 3rd Spitzenclusterwettbewerb of the Federal Ministry of Education and Research (BMBF)
2010	Member of the advisory committee “Biomass Masterplan Mitteldeutschland” of the Ministry of Agriculture and Environment of Sachsen-Anhalt.
2010	Member of the advisory committee of the “EU-RRM Group for bio-based products”
Since 2009	Member of the ProcessNet working group “Renewable resources for the chemical industry”

2009 – 2011	Member of the Clusterboard “Biotechnologie Mitteldeutschland”
Since 2007	Expert, advisor and coach for the Science4Life Business Plan Venture Cup
2006 – 2010	Member of the SusChem-D working group Energy
2005 – 2007	Representative of InfraLeuna GmbH in the industry association “Bio Mitteldeutschland GmbH”