

Karl-Friedrich Ziegahn

Dr.-Ing. Dipl. Phys.

Karlsruhe Institute of Technology (KIT)

Member of the Board of Directors

Head of Division "Natural and Build Environment"

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Professional Career

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| As of 2014 | Member of the Board of Directors of KIT, Head of Division "Natural and Build Environment", responsible for faculties (schools) on Civil Engineering, Geosciences, Environment Sciences and Architecture as well as for Helmholtz research programs "Renewable Energies" (RE), "Energy Efficiency" (EMR) and "Atmospheric and Climate Research" (ATMO) |
| 2011 - 2013 | Chief Science Officer (CSO, Bereichsvorstand), Karlsruhe Institute of Technology (KIT: some 9.500 staff and some 870 mio Euro budget), a merger of University Karlsruhe and Forschungszentrum Karlsruhe |
| 2006 - 2010 | Research Director for Energy and Environment Programs, Forschungszentrum Karlsruhe GmbH (National Lab, member of Helmholtz-Association) |
| 1994 - 2006 | Director General Management, Fraunhofer Institute for Chemical Technology (ICT), Deputy director Environmental Engineering department (ICT) |
| 1998 - 2000 | Co-ordinator Fraunhofer Center for Energy and Environment, Pittsburgh, Pennsylvania, USA |
| 1989 - 1994 | Department director "Materials Physics, Characterization and Testing", Member of the Institute Steering Committee ILA |
| 1987 - 1989 | Group leader "Environmental qualification", Deputy director of "Materials Physics", Assistant to the institute's CEO, Fraunhofer ICT |
| 1980 - 1987 | Research fellow, project leader environmental engineering, Fraunhofer ICT, Pfintztal |

Appointments and Honorary Duties

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| 2019 | University Council of the University of Augsburg |
| 2019 | EIT InnoEnergy, Vice Chairman Supervisory Board |
| 2018 | Re-Elected member of the Council of the Board of German Physics Society (DPG) |
| 2017 | Deputy Chairman Environmental Research Station "Schneefernerhaus" (Zugspitze) |
| 2017 | Co-Chairman WG "Infrastructure for the energy transformation" ACATEC-ESYS |
| 2016 | European Physical Society (EPS): Advisory Board on Science Policy |
| 2015 | German Physics Society (DPG): elected member of the Council of the Board (Vorstandsrat) |
| 2014 | Coordinator Helmholtz Initiative "Urban Research" |
| 2014 | German Physics Society (DPG): elected deputy chairman of the Energy Committee |
| 2014 | Center for Disaster Management and Risk Reduction Technology (CEDIM): Chairman |
| 2014 | DIN Council on Research, Innovation, Development, chairman |
| 2013 | German HALO High Altitude and Long Range Research Aircraft – Kuratorium (Supervisory Board) |
| 2013 | German National Platform "Future Cities", steering committee, German government |
| 2013 | German Physics Society (DPG): Presidents Advisory Council on Science Communication |
| 2013 | Zugspitze Lab (Schneefernerhaus) – Konsortialrat (Supervisory Board) |
| 2010 | European Institute for Innovation and Technology (EIT): Chairman of KIC InnoEnergy SE |
| 2009 | International Management Board "Helmholtz – Alberta – Initiative" (HAI) |
| 2009 - 2012 | Helmholtz Topic Speaker on Bioenergy |
| 2009 | German Physics Society (DPG): Member of the Energy Committee (AKE) |
| 2008 | Co-Coordinator of Helmholtz Alliance on Sustainable BioEconomy |
| 2008 - 2015 | KIT Scientific Speaker on Renewable Energy |
| 2006 - 2009 | Scientific Speaker of the Helmholtz Program "Environment, Sustainability and Technology" |
| 2005 | President "Gesellschaft für Umweltsimulation" (Association for Environmental Engineering) |
| 2004 | Lecturer on Sustainable Product Engineering, Technical University of Stuttgart, SIMT, and KIT; Lecturer on Environmental Engineering, Technical University of Nürnberg (Nuremberg) |

Awards

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| 2019 | Medal of the Land and Free State of Bavaria for distinguished services for the environment |
| 2012 | Appointment as Member of the Honorary Senate of the German Standardization Institute DIN |
| 2012 | Fraunhofer Airbag Award for his overall contributions to airbag technologies |
| 2007 | IPASS Award (France) for merits on the development of airbag technology |
| 2006 | Fraunhofer Airbag Award for the establishment of the world largest AIRBAG Symposium |
| 2004 | DIN Ehrennadel (Honor Pin) for outstanding contributions to standardization |
| 2003 | Fellow of the USA Institute of Environmental Sciences and Technology IEST |

Academic Education

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| 1987 | Dr.-Ing., Technical University Karlsruhe, School (faculty) of Mechanical Engineering; Thesis: „A contribution to monitoring and evaluation of mechanical transportation loads” („Ein Beitrag zur Ermittlung und Beschreibung von mechanischen Transportbeanspruchungen”) |
| 1971-1979 | Study physics, diploma, Universität Karlsruhe (TH) |