

Dr. A. Jochen Lauterbach
Professor and Smartstate Endowed Chair
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Education

Free University of Berlin & Fritz-Haber Institute of the Max-Planck-Society, Berlin, Germany

Physical Chemistry Department, 1992 – 1994; Degree: Dr. rer. nat. with Summa Cum Laude;
Thesis Advisor: G. Ertl (Nobel Laureate in Chemistry, 2006).

University of Bayreuth, Germany

Physics Department, Bayreuth, Germany, 1992; Five-year Diploma in Technical Physics;
Thesis Advisor: J. Küppers.

Professional Experience

Professor and Smartstate Endowed Chair, Chemical Engineering Department, University of South Carolina, 2010 – present.

Director, SC Smartstate Center for Strategic Approaches to the Generation of Electricity, University of South Carolina, 2010 – present.

Visiting Professor, Technical University of Vienna, Molecular Materials Chemistry, March – July 2025.

CEO, Charolina LLC, 2024 – present.

Visiting Distinguished Professor, ICAT, Hokkaido University, 2017.

Professor, Chemical Engineering Department, University of Delaware, 2006 – 2010.

Associate Professor, School of Chemical Engineering, University of Delaware, 2002 – 2006.

Associate Director, Center for Catalytic Science and Technology (CCST), 2002 – 2010.

Associate Professor, School of Chemical Engineering, Purdue University, 2000 – 2002.

Assistant Professor, School of Chemical Engineering, Purdue University, 1996 – 2000.

Post-doctoral Research Associate, University of California at Santa Barbara, Chemical Engineering Department, 1994 – 1996.

Honors and Awards

- Idaho National Laboratory Distinguished Scientist Lecture, 2025.
- South Carolina Innovision Award for most innovative sustainable technology, 2024.
- Career Influencer Award, USC recognition for key influence on the career journey of undergraduate students, 2024, 2025, 2026.
- Elected Director, AIChE Catalysis and Reaction Engineering Division, 2024 – present.

- Russel Research Award in Science and Engineering, University of South Carolina, 2016.
- Member, Board of Trustees, SC Governor's School for Science and Mathematics, 2012 – 2017.
- Marquis Who'sWho in America, 2006.
- Marquis Who'sWho in Science and Engineering, 2003.
- Union Carbide Innovation Recognition Award, 2000.
- Faculty Early Career Development Award (CAREER) from National Science Foundation, 1998.
- Feodor-Lynen-Fellowship of the Alexander von Humboldt-Foundation Bonn, Germany, 1994.

Membership in Professional Societies

- American Institute of Chemical Engineers (AIChE).
- American Chemical Society (ACS).
- Materials Research Society (MRS).
- American Association for the Advancement of Science (AAAS).
- Alexander von Humboldt-Association of North America.