

Curriculum Vitae - Prof. Dr.- Ing. Joerg Seume



Personal Information

Born: 17 October 1958 in
Madison, Wisconsin / USA
Citizenship: German and US-American
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Present position: Professor and Head of the Institute of
Turbomachinery and Fluid Dynamics, *Leibniz
University Hannover*

Education

1984 – 1988
Ph.D.; NASA-sponsored dissertation in fluid mechanics and heat
transfer, focused on the laminar-to-turbulent transition in
oscillating flows, *University of Minnesota in Minneapolis, Minn. / USA*
1982 – 1984
Master of Science, *University of Wisconsin in Madison, Wisc./USA*
1978 – 1981
Diplom-Ingenieur (BA) degree in mechanical engineering,
Berufsakademie Mannheim/Daimler-Benz, Germany

Professional experience

2010-2015
*Leibniz University of Hannover – Faculty of Mechanical Engineering,
Dean*
Since 2000
*Leibniz University of Hannover – Institute of Turbomachinery and Fluid
Dynamics, Hannover/Germany*
Professor of fluid mechanics, turbomachinery, and energy/power plant
engineering and head of the Turbomachinery Laboratory, an institute
with long-term experience in the aerodynamic and structural design of
axial as well as radial compressors and turbines.

1994 – 2000

Siemens AG, Berlin/Germany

Head of the departments for gas turbine testing and gas turbine quality management

in parallel:

1996 – 1999

Technical University of Berlin/Germany

Adjunct lecturer

1993 – 1994

Siemens AG, Berlin/Germany

Project leader of the development and prototype testing of heavy duty gas turbines

1991 – 1993

Siemens AG, Muelheim (Ruhr)/Germany

Research engineer for flow measurements

1989 – 1991

Sunpower Inc., Athens OH / USA

Development of Stirling engines for solar applications

in parallel:

1990 – 1991

Ohio University, Athens, OH / USA

Adjunct professor, guest lecturer and student/postgraduate supervisor

Awards and major achievements

2018

Stahl Innovation Prize 2018

2018

“Best Paper Award” (ASME Turbo Expo)

2006

Honorary Professor, State Technical University of Saint Petersburg, Russia

2006

„Best Technical Paper Award“ (IMechE)

1987

Martini Medal of Advanced Energy Division of the ASME