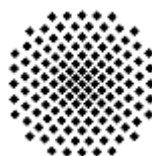


Wc 06010

Website wintus - gb
Stiftungslehrstuhl Windenergie/
Endowed chair of wind energy
www.wintus.org



2006-02-10nrd



University of Stuttgart
Institute of Aircraft Design
Endowed Chair of Wind Energy (SWE)
Allmandring 5B - 70550 Stuttgart



Profile, Areas of Activity and Objectives as defined by the founder of KSG for the

[Endowed Chair of Wind Energy \(SWE\)](#)

Director of the institute: Prof. Dr. Martin Kühn

at the **University of Stuttgart**, [Institute for Aircraft Design](#). The new endowed chair has started its operations in January 2004.

The director of the institute, Prof. Dr. Martin Kühn, continues the tradition of teaching and research in the field of wind energy as propagated by [Professor Ulrich Hütter](#). Professor Hütter inspired the founder and aroused his interest in wind power as early as 1957 when he was studying mechanical engineering and the other fascinating areas of technology that are associated with these studies as well as with those of aeronautical engineering.

Teaching at the SWE should above all serve the **training of young talent**, the continuation and expansion of the general lecture series entitled „The Use of Regenerative Energies“.

In order to **increase teaching effectiveness**, knowledge related to wind energy should largely be acquired from compulsory and recommended reading in self-study. Progress will be checked with the help of tests, in seminars and practical courses which are primarily aimed at training scientific thinking and work practices as well as individual coaching.

Expertise largely acquired on one's own should not play a dominant role here but should have a **supporting function** for intellectual exercises. The main focus is placed on the acquisition of **key qualifications** such as the ability to locate information efficiently and problem analysis and the systemization and synthesization of these analyses in one's own personal style in order to demonstrate them in

talks, presentations and essays as a contribution to **increasing learning effectiveness and promoting academic education**.

The fascination of wind turbines is used as a basis for practical examples with which the problem awareness of young people can be increased as well as their sensitivity and **their joy of seeking the**

Sitz der Gesellschaft:
[Wintus GmbH](#)
Gutenbergstraße 4
72631 Aichtal/GERMANY
Tel. +49 7127 599-123
Fax +49 7127 599-404
Internet: <http://www.wintus.org>
E-Mail: info@wintus.org

Geschäftsführer:
Dipl.-Ing. Karl Schlecht
Tel.: +49 7127 599-302
E-Mail: stk@wintus.org
Dr. Ralf von Baer
Tel.: +49 7127 599-403
E-Mail: brr@wintus.org

Bankverbindung:
LBBW Stuttgart
BLZ: 600 501 01
Kto.-Nr.: 24 11 408
S.W.I.F.T-Code: SOLADEST
IBAN: DE90 6005 0101 0002 4114 08

Amtsgericht Nürtingen
HRB-Nr. 5340
UST-ID.-Nr. DE221385995
St.-Nr. 74093/11373

truth by using analytical thinking applied to problem analysis.

The founder considers the promotion of such personal and value-related competences as the foundation for lifelong **learning** in one's professional life in general and as the true sense of higher education. This learning aptitude contributes to personality development and to education through science (as defined by Humboldt).

Synergies should be sought with the foundation-sponsored chair for Entrepreneurship, [Stiftungslehrstuhl Entrepreneurship](#), at the nearby University of Hohenheim.

In research the SWE focal points are the overall system layout for free turbines, in the area of technical design – traditional for Stuttgart – on aerodynamics including noise development as well as in the area of quality assurance and increase of availability and durability on increased acceptance and competitiveness for energy production based on problems in the wind parks owned by the companies, [WINTUS](#) und [WINDWIN](#).

In the public eye and politics the holder of the chair should be active on issues concerning wind energy and be instrumental in forming public opinion, particularly with regard to facilities which are gentle to the landscape and environmentally friendly.

The cross-disciplinary cooperation in the field of wind energy will be further expanded with the other institutes and professorships in the department such as with those for aerodynamics, statics and dynamics, light construction, fibre composite technology and control technology

Together with the operators of wind energy installations, plants and other facilities, profit-oriented research projects will be initiated to investigate problems relating to durability, operations, yield optimization and maintenance.

For this purpose the chair also works together with [WINTUS](#), which is associated with the university through a cooperation agreement.

www.uni-stuttgart.de