



An International Center for Advanced Education and Research in Fluid Dynamics

VKI is a non-profit international educational and scientific organisation, hosting three departments: aeronautics and aerospace, environmental and applied fluid dynamics, and turbomachinery & propulsion.

Post-graduate Education

It provides post-graduate education in fluid dynamics (research master in fluid dynamics, phd programme, short training programme and lecture series) and encourages "training in research through research".

Accredited by NVAO



NVAO ensures the quality of educational programs following the Bologna agreement for higher education in Europe.

VON KARMAN INSTITUTE
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World unique test facilities

The von Karman Institute undertakes and promotes research in the field of fluid dynamics. It possesses about fifty different wind tunnels, turbomachinery and other specialized test facilities, some of which are unique or the largest in the world (Mach 14 free piston hypersonic, 1200 KW induction coupled, annular cascade facility and the famous 3m diameter free test section wind tunnel).

Consulting and Research

Extensive research on experimental, computational and theoretical aspects of gas and liquid flows is carried out at the VKI under the direction of the faculty and research engineers, sponsored mainly by governmental and international agencies as well as industries.

Well-known Lecture Series

Each year 8 to 12 one-week Lecture Series are organized on specialized topics in the field of aerodynamics, fluid mechanics and heat transfer with application to aeronautics, space, turbomachinery, the environment and industrial fluid dynamics. These courses have gained over the years world wide recognition for their high quality which is the result of a careful choice of subjects of current interest and lecturers known for their excellency in that field and willing to co-operate in building up well-structured courses.