

- distribute research results and conference papers from the HFN activities via the HFN website
- regularly distribute information about ongoing as well as planned activities of interest for the members
- through various channels distribute information about HFN and its activities, both nationally and internationally.

HFN membership

HFN is open to membership for organizations presently active or planning to start activities within the field of competence of HFN. For information about membership fee please visit our website <http://www.humanfactorsnetwork.se/indexwhatishfn.html>.

Membership in HFN includes

- HFN courses
- Seminars
- Internal workshops with various themes
- Meetings within the member organisations
- Visiting R&D environments
- Interchange of lecturers
- Collaboration regarding PhD studies
- Preparations for joint projects

For more information about membership, please contact Martina Berglund, Head of Operations (martina.berglund@liu.se).

HFN members

Chalmers University of Technology
Entry Point North
LFV
Linköping Institute of Technology
Linnéuniversitetet
Lund University
MTO Safety AB
Royal Institute of Technology

Saab Aeronautics
Sjöfartsverket
Swedish armed forces
Swedish Defence Materiel Adm
Swedish Radiation Safety Authority
Swedish Transport Agency
Swedish Transport Administration
Uppsala University

THIS IS HFN



HUMAN FACTORS NETWORK IN SWEDEN

This is Human Factors

- Human Factors is the scientific discipline that investigates and produces knowledge concerning: Human physical, cognitive and psychological prerequisites in relation to the character of the task, technical requirements with respect to design, complexity, and organizational premises regarding resource allocation, organizational culture, methods, competence and leadership as well as following up and evaluating systems.
- The utilization of the knowledge about human capabilities and needs in design, implementation, deployment, operation and maintenance of products, systems (of humans, machines and organizations) in order to optimize system functionality as well as human wellbeing, health and safety.

Areas of Human Factors applications

- Aviation
- Ship industry and maritime safety
- Automotive industry and traffic environments
- Rail traffic
- Medicine and medical technology
- Information technology
- Nuclear and process industry
- Manufacturing industry
- Design of complex systems
- Maintenance

HFN background and vision

HFN was founded in 1996 in order to create a network of national competence and stakeholders within the area of aviation-related Human System Interaction having an increasingly dynamic and global aviation sector in mind, with a more sophisticated technology and organizational complexity. At that time the network was called the Swedish Centre for Human Factors in Aviation. In 2003 the decision was made to expand the network activities to include any organization with competence or need of

knowledge within the field of Human Factors. The network was renamed HFN which stands for the Human Factors Network in Sweden.

The vision is to develop and maintain a leading position for the members of HFN, both as regards the competitiveness of industry and academic research results in Human Factors. This can be achieved through updating performance requirements in systems and through coordination at all stages, from education and research to product development and operational use.

HFN – ideas and objectives

HFN strives for an open and active network that can contribute to improved systems safety, systems effectiveness and improved operator environments. This is achieved by collecting, producing and distributing relevant Human Factors knowledge within the HFN network, thereby taking advantage of existing resources among its members.

The objective is to consolidate research and education efforts in Human Factors nation-wide and to support HFN members as well as Swedish Human Factors research in becoming competitive in an international perspective.

HFN network support

HFN is a network organization with its service unit at Linköping Institute of Technology.

The purpose of the network support unit is to meet the needs of coordination and service from the different education and research institutions, civilian and military authorities as well as industry in the network. It can also coordinate and support relevant research among the members. Further, Linköping Institute of Technology can offer, together with the other participating universities of HFN, education of students and graduate students in order to satisfy the needs for competence support. Other tasks for the service unit include:

- arrange courses with topics of special interest for the members, all at a high international level