



Leena Norros, PhD

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Research professor Leena Norros is an industrial psychologist working on the problems of cognitive ergonomics in complex industrial systems at the Technical Research Centre of Finland. She leads a human factors research team. She studied at University of Helsinki and the Technical University of Dresden, in which institutions she took her doctors degrees. She acts as docent (adjunct professor) at Helsinki University and teaches human factors engineering both at Helsinki University and Helsinki Technical University. In her work she has focused on the analysis of cognitive systems in context. Research has been conducted in several safety-critical domains like nuclear power plants, aviation (ATC), anaesthesia, maritime, or emergency response. She has worked on an integrated evaluation concept called Systems Usability for evaluating joint cognitive systems. A further current area of research is a design concept for smart environments drawing on ecological systems thinking. She has also participated as human factors expert in many accident investigations in collaboration with the Finnish Accident Investigation Board. She is member of the executive committee of the European Association of Cognitive Ergonomics, and has acted actively in the North-American naturalistic decision-making community and the International Ergonomics Association. She is also a national delegate in the working group of human and organisational factors (WGHOFF) of the OECD Nuclear Energy Agency. She also acts as reviewer in several scientific journals in the field of human factors and safety. She has about 180 scientific publications in international journals, books and conference proceedings.