

## Lampinen, Ari



Ari Lampinen

*Ari Lampinen is associate professor of renewable energy at Strömstad Academy, since March 2009. He worked at Department of Physics of University of Jyväskylä as researcher in 1986-1988 and as assistant professor (assistentti) in 1991-1996. He was visiting researcher at Niels Bohr Institute at Risø in Denmark in 1986-1987 and at Stanford University in the USA in 1991-1992. He was research associate (tutkimusassistentti) at Academy of Finland in 1988-1991. All this work was in the fields of experimental nuclear physics and computer science.*

*He first became exposed to renewable energy technologies while working in 1986-1987 at Risø, the location of the largest wind energy research facility in the world. While working in California in 1991-1992 he became further aware of many practical renewable energy solutions to climate change and many other acute environmental problems. He started teaching and development work in those fields in 1994. He pursued those fields as associate professor (yliassistentti) of air pollution control technology in 1998-2001 and associate professor of environmental physics in 2001-2006 at Department of Biological and Environmental Science of University of Jyväskylä. Since 2006 he has worked at several universities, companies and administration with various renewable energy related consulting, research and training functions.*

*He initiated and co-founded renewable energy education network SOLIS (SOLar energy In Schools) of Finnish high schools, which was started in 1997 as a project of Finnish Physical Society and National Board of Education. He initiated and co-founded a multi-*

*disciplinary Renewable Energy Education and Research Programme of University of Jyväskylä, which started in 2003. His work has included writing almost 500 publications and more than 200 expert opinions/reviews/statements, supervising over 50 university theses, giving over 100 lecture courses in several universities, giving over 300 invited presentations and attending numerous conferences and United Nations negotiations. He has been involved in many renewable energy projects of scientific, environmental, municipal, provincial, governmental and intergovernmental organizations as well as companies, both in developed and developing countries. His renewable energy work started with solar energy and has later covered most renewable energy technologies, not only from the point of view of natural sciences and engineering, but also utilizing disciplines of sociology, political science, economics, education and law.*

*For the past several years his main focus has been in renewable energy use in transport applications and non-technical barriers of renewable energy utilization*