

ASSE MAY 2000 NEWSLETTER

WEBTV IDEAL FOR E-MAIL AND INTERNET

In ASSE Newsletter 2/98 and 10/99 we mentioned Webtv. Webtv is now part of Microsoft. Another company is soon coming out with a competitive unity, which aims at the broad market of persons, who, as yet, do not have access to e-mail or to the Internet. At the present about 35% of people in the USA over 65 years of age have Webtv or a computer. The remaining 65% offer a large market open market. The Webtv hooks up to a regular TV unit and costs only around \$200. It requires a minimum of training to operate. Those of you, who are reluctant to buy a computer, think about Webtv.

ASSE DINNER JOINTLY WITH JOHN ERICSSON SOCIETY AT THE SWEDISH CONSUL GENERAL'S RESIDENCE ON MARCH 9,2000

A very nice, by invitation only, joint ASSE and John Ericsson Society dinner meeting with some 55 persons in attendance was held on March 9, 2000 at the residence of the Swedish Consul General, Mr. Olle Wastberg and his wife Inger. Professor Olaf Thulesius gave an interesting presentation of some of the accomplishments of the Swedish-American inventor John Ericsson. No less than four past Presidents of ASSE and the current President were present. Jan Aminoff, Ulf Hammarskjold, Kjell Lagerstrom, Erik Mortensen and Erik Tornqvist attended.

ASSE and John Ericsson Society are indebted to the Consul General and Mrs. Wastberg for their graciousness to open their home for the evening.

Refer also to ASSE web site: www.ASSE-USA.org (News)

ILLUSTRATED SCIENCE. INTERESTING SWEDISH MONTHLY

Excerpts of the May issue contents are:

- About the World's largest laser unit.
- Robot to search for unknown forms of life under the ice in Antarctica.
- A little water added to diesel fuel makes the diesel engine run cleaner and better. (Also see below)
- Insects in rainforest are key to new antibiotics.
- State of the world at the present and much more.

THE DIESEL ENGINE RECEIVES WATER THERAPY

Diesel engines are efficient combustion engines, but pollute the air more than gasoline engines. The diesel engines can be made to run cleaner and smoother if ten to fifteen percent water is added to the fuel. Until recently, the fuel - water mixture has not been stable for storage. Professor Keith Johnson, formerly with the Massachusetts Institute of Technology, has now succeeded in developing a stable mixture. The secret is an additive related to synthetic cleaning chemicals. Professor Johnson will not yet divulge the composition of the additive, which is said to make the fuel mixture more stable for a period of 3 years. A French company is also working to

develop a stable mixture called "Aquasole", but so far they have only succeeded in keeping the mixture stable during a three month period. (Source: Illustrated Science, May 2000.)

OLD HOME CURES PROVEN VALUABLE. CAN RAISE THE EFFICIENCY OF THE IMMUNE SYSTEM

An efficient immune system is needed to prevent illnesses. (Reference: "Honey, Garlic and Vinegar". Home remedies and Recipes by Dr. Patrick Quillin, Ph.D. Available at web site bn.com). Cost is \$11.95 plus shipping. This information is only that and is not medical advice.

THE ASSE JOHN ERICSSON GOLD MEDAL

Dr. Edward Lofgren Recipient of John Ericsson Medal Awarded

by

The American Society of Swedish Engineers

Dr. Edward J. Lofgren, Associate Director and Senior Staff Scientist, Emeritus, at the Lawrence Berkeley National Laboratory, University of California, Berkeley, California, was awarded the prestigious John Ericsson Medal Award by *The American Society of Swedish Engineers* at a reception held in San Francisco at the residence of the Consul General of Sweden, Madam Siri Eliason.

The Award was given in recognition for a lifetime of achievement by Dr. Lofgren at the University in the fields of high-energy physics and accelerator development. His work has included the discovery of the anti-neutron and significant advances in instrumentation, which is the basis for the present machine at the Fermi National Accelerator Laboratory. He has also done research on collective acceleration, super-conductor accelerator magnets, plasma physics, neutral beam development and fusion energy, which has earned him national as well as international recognition. Dr. Lofgren has served on the Advisory Panel on High Energy Accelerators for the National Science Foundation, the AEC, the Review Committees for the Brookhaven and Argonne National Laboratories and the Laboratory of Nuclear Science at the Massachusetts Institute of Technology.

The John Ericsson Medal Award, which is awarded by *The American Society of Swedish Engineers*, was established in 1926 by Eric A. Lof, who was President and Trustee of the Society. It was named "The John Ericsson Medal" to honor the great Swedish-born American engineering genius, who designed and built the MONITOR, an ironclad warship, which saved Fort Monroe and Hampton Roads for the Union during the American Civil War in 1862. The *Society* was founded in 1888, a year before Captain John Ericsson's death. The Medal is awarded every other year to a Swedish or American/Canadian citizen of Swedish extraction, in recognition of extraordinary achievements in the fields of science and technology. To date, the John Ericsson Medal has been awarded 36 times; among the recipients are several Nobel Prize winners, including Glenn T. Seaborg and Hannes Alfvén.

The American Society of Swedish Engineers founded February 11, 1888 by an energetic group of young Swedish Engineers, who came to America to complete their education or seek new ventures, is the oldest professional society in the United States focusing on Swedish Industry, and over the years has provided an important link in the exchange of information and good will between the two countries. The *Society* has had long-standing relationships with the Royal Academy of Engineering Sciences in Sweden, The Swedish Association of Engineers and Architects, the Swedish American Chamber of Commerce (which it helped establish in 1906) and

many other organizations in the United States. His Majesty, Carl XVI Gustav of Sweden, honored the Society by becoming its Patron in 1982.