

URSAN KANSAINVÄLINEN AVARUUSNÄYTTELY  
HELSINKI SPACE EXHIBITION  
KAAPELITEHDAS 31.10. - 2.11.2003



*Uuden vuosituhannen  
löytöretkiä*

*The expeditions of the  
new millennium*



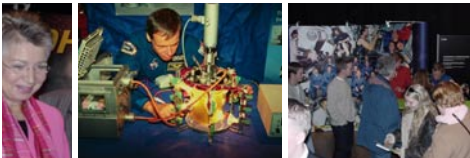
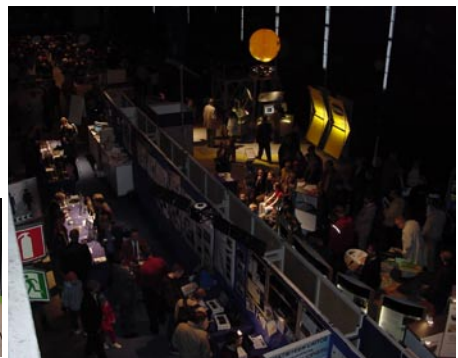
# Uuden vuosituhatosen löytöretkiä



Helsinki Space Exhibition  
31. October - 2. November 2003

The Avaruus 2001 exhibition in November 2001, the previous space exhibition in Helsinki, was a success. During one weekend about 25 000 people visited the exhibition and much more followed the lectures and activities of the expo at the live broadcasting on the internet and later on TV. The exhibition was also honored by visits by Mrs President of Finland, Minister of Trade and Commerce, Deputy Mayor of the City of Helsinki, and many other VIPs.

This event is now to be repeated, when Avaruus 2003 will take over the Kaapelitehdas during the weekend at the turn of the October and November 2003. In addition to all Finnish space and astronomy related research institutes, universities and industry, there will be a big representation of the European Space Agency (ESA) and the European Southern Observatory (ESO). The Avaruus 2003 is organized by Astronomical association Ursa in cooperation with the Tekes (National Technology Agency) and the Academy of Finland. The expo is implemented by Kupla Productions Ltd.



The European Space Agency ESA will bring to the exhibition a cluster of landers: Titan-bound Huygens and the Rosetta lander have both several Finnish instruments and Mars Express's Beagle II will land to the red planet just after the expo in December 2003. The landers will represent the new expeditions, expanding the horizons to surfaces of other bodies of the Solar system.

About the human explorers: ESA's astronaut Claude Nicollier will hopefully be the main guest speaker of the show. Nicollier is



Swiss astronomer-astronaut, who has been flying with the space shuttle four times and has logged more than 1,000 hours in space including one space walk. Out of these

flights two has been to the Hubble Space Telescope. He will be right person to tell about the space flights in general, but also about the HST and its planned follow-on telescope in detail. Hopefully also French astronaut and space medicine expert Claudie Haignere will be able to attend the expo; she will tell about the life in space and weightlessness.

ESA will also present the Nuna solar electric car as an example of technology transfer – the Finns like cars, racing and hi-tech, and Nuna will combine all these. The ESA technology transfer office will present



also other projects and its activities at the show.

The whole spectrum of the Finnish astronomy and space related research and industry will be present at the show. The expo will show all Finnish activities on this field and even more, because now also the

companies and research groups on the edges of the space sector will be invited.

The national Antares space research seminar

and Finnish Remote Sensing days will be held at the same time in the same building.

In addition to all previous, the Finnish amateur astronomy will arrange its

own section. There will also be the planetarium and the book store of the Astronomical association Ursa, that will again be the official organizer of the exposition. Beginning from the spring of the year 2003, a special competition will be announced to kids: build your own lander. The finals of the competition will be held during the expo and the highlight will be the dropping of the finalists' landers from the high balcony of the expo venue.



exhibitors, their guests and professional visitors on Friday evening.

The exhibition venue will be Kaapelitehdas (Cable Factory) in the western edge of the Helsinki city center. The area is a newly built technology and new media oriented area, where is easy to find all kinds of services.

## **Avaruus 2003 – Space 2003 will be impressive and educating event for all interested in space and stars.**

Avaruus 2003 will be broadcasted live in the internet and many lectures and activities of the show will be televised. The special edition of the *Tähdet ja avaruus* magazine will assist the official expo guide.



*For more information consult our web pages:*

**[www.avaruus.info](http://www.avaruus.info)**

*or contact:*

Kupla Productions Ltd  
Rauhankatu 8 c 46  
00170 Helsinki, Finland  
Tel. +358 9 612 46 737  
Fax +358 9 612 46 738  
Email: [avaruus2003@kupla.com](mailto:avaruus2003@kupla.com)

The expo will be open only to school groups and professionals on the first day, Friday 31th October, and for



the general public on the last two days. There will be a cocktail party for the

*Please note all information given is preliminary. This version of the brochure is updated on 4th February 2003.*

Photo credits: ESA, NASA, David Wellstood (ESA), Metorex International Oy, Ursa and Jari Mäkinen.