

WORKING GROUP ON FUTURE LARGE SCALE FACILITIES *(GROUPE DE TRAVAIL POUR LES FUTURES GRANDES INFRASTRUCTURES)*

CHAIRPERSON: Richard Schilizzi

MEMBERS: Ron Ekers, Françoise Genova, Gerry Gilmore,
Nikolay Kardashev, Jeff Linsky, Stefan Michalowski, Jeremy Mould,
Rendong Nan, Haruyuki Okuda, Hank Sobel, Massimo Tarenghi, Yoji Totsuka,
Virginia Trimble, Willem Wamsteker & Patricia Whitelock

ADVISORS: Catherine Cesarsky, Françoise Praderie & Lo Woltjer

The tasks of the WG are:

- 1) to promote the early discussion and dissemination of information on potential large scale astronomical projects;
- 2) to maintain an inventory of planned large scale projects in astronomy;
- 3) to further contacts and cooperation between different projects;
- 4) to identify areas of duplication, and areas where clearly desirable efforts are lacking;
- 5) to promote the development and maintenance of astronomical data archives with open access, and
- 6) to investigate ways to involve smaller countries and agencies into projects of the larger countries.

The WG defines large scale as costing 100 M\$ or more for ground-based projects, and 400 M\$ or more for space-based instruments. The WG aims to focus on projects in their early phases before they have received financing and on projects only partially funded and in search of partners.

During the triennium, the WG compiled a set of tables containing entries for future large scale facilities for ground-based optical/IR, radio, space observatories, interplanetary and interstellar probes, and gravitational waves and astroparticle detectors. A number of international ground-based projects less than the threshold cost have been included in cases where they are to be located in less-advantaged astronomical regions or countries. These tables can be found on the IAU website

<http://www.iau.org/IAU/Organization/divcom/workexec.html>.

We expect the inventory will assist in furthering the contacts and cooperation between projects, and in identifying areas of overlap and areas where new facilities should be developed.

The WG also provided support for travel requests from IAU members to meetings on Future Large Scale Facilities.

An open session on future large scale facilities will be organized by the WG at the 2003 General Assembly in Sydney.

R.T. Schilizzi
Chairperson of the Working Group