

**Astronomy from Space (Commission 44)**  
Astronomie à partir de l'Espace (Commission 44)

&

**High Energy Astrophysics (Commission 48)**  
Astrophysique des Hautes Energies (Commission 48)

Report of the joint Business Meeting

Presidents: J.E. Trümper & J. Ostriker

**1. Merging of the two Commissions No. 44 and 48**

The Presidents of Commission 48 "High Energy Astrophysics" (J. Ostriker) and Commission 44 "Astronomy from Space" (J. Trümper) had agreed that it would be useful to pursue the merging of the two Commissions because of their large overlap in membership and scientific interests. Discussions with both Scientific Organizing Committees and with the IAU Secretariat revealed broad support for such a merging process. In a joint business meeting on 22nd August 1994 at The Hague the merging was discussed and approved by those present. Result of this merging process is the new Commission 44 "Space and High Energy Astrophysics" which forms the new Division XI "Space and High Energy Astrophysics".

**2. Scientific Organizing Committee**

The SOC is composed of: C.J. Cesarsky, G.G. Fazio (President), , H. Inoue, J.P. Ostriker, G. Srinivasan (vice-President), R. McCray, J. Trümper, W. Wamsteker (vice-President), A.W. Wolfendale & L. Woltjer.

**3. Status of the Working Groups ( former Commission 44)**

3.1. Astronomy from the Moon

This working Group was established by IAU Commission 44 at the General Assembly in Baltimore in 1988. Unfortunately, the Organizer of the working group (Harlan Smith) passed away before forming the working group. Therefore the President of Commission 44 has asked Y. Terzian to organize the working group. A first meeting of the working group took place in The Hague during the General Assembly.

3.2 New Proposals

A proposal was made that Commission 44 form a working group on "Archiving Spectroscopic Data". Questions were raised about the work of such a working group in view of the fact that

archiving of data has become a general tool in many branches of astronomy. It was felt that the important subject of archiving data should be addressed in a more general way.

#### **4. Program for the XXIInd General Assembly**

Former commission 44 agreed to co-support the following scientific symposia:

- S166 Astronomical and Astrophysical Objectives of sub-milliarcsecond Optical Astrometry (SOC Chair: J. Kovalevsky; other commissions involved: 24, 4, 8, 9, 19, 27, 35, 42 & 45)
- S168 Examining the Big Bang and Diffuse Background Radiations (SOC Chair: M. Kafatos; other commissions involved: 21, 47, 28 & 40,)

Former commission 48 agreed to co-support the following scientific symposium:

- S165 Compact Stars in Binaries (SOC Chair: E.P.J. van den Heuvel; other commissions involved: 35 & 37)

#### **5. Future Symposia and Colloquia**

The following meetings co-supported by former Commission 44 have been approved by the Executive Committee of the IAU:

- C151 Flares and Flashes - Views from Ground and from Space (SOC Chair: G. Gershberg; other commissions involved: 27 & 42)
- SP176 Stellar Surface Structure (SOC Chair: J.L. Linsky; other commissions involved: 27, 10, 25, 36 & 42)

Former commission 48 agreed to support the following scientific symposium:

- C152 Astrophysics in the Extreme Ultraviolet (SOC Chair: B. Haish; other commissions involved: 48, 29, 34 & 42)