

COMMISSION 25: STELLAR PHOTOMETRY AND POLARIMETRY (PHOTOMÉTRIE ET POLARIMÉTRIE STELLAIRES)

Report of Meeting, 23 August 1973

PRESIDENT: D. L. Crawford.

The members of the Commission have decided to add polarimetry to the objectives of Commission 25. These members suggest also to change the name of the Commission and recommend 'Stellar Photometry and Polarimetry'

The members of the Commission support the proposal of Dr T. Gehrels concerning definition and convention in polarimetry.

The question of 'priorities' has been discussed and the need of precise multicolour photometry in a very limited number of celestial locations but up to the 20th magnitude has been underlined. Only stars with at least rough spectral data must be measured.

On behalf of the Commission, Dr A. R. Hyland must prepare a project for a photometric standard in infra-red.

The following papers have been presented:

B. Hauck: Activity of the European Data Center (Strasbourg) in the Field of Photometry.

B. Hauck: Photometric Catalogues.

T. Gehrels: Astronomical Polarimetry.

T. Gehrels: Conventions and Definitions of Terms in Polarimetry.

B. J. Bok: Catalogue of Photometric Sequences.

A. R. Hyland and J. A. Thomas: IR Photometry Standards.

G. Goy: UVB Diagram with 30000 Stars.