

# PREFACE

The 7th Regional Consultation on Solar Physics was held in Starý Smokovec from Sept. 24 to 28, 1973 under the sponsorship of the Slovak Academy of Sciences (Bratislava) and was organized by the Astronomical Observatory Sklanaté Pleso. The Organizing Committee consisted of L. Pajdušáková (chairman), V. Bumba, M. Kopecký and J. Sýkora (secretary). The general theme of the Consultation was SOLAR ACTIVITY AND SOLAR-TERRESTRIAL RELATIONS.

The Consultation should be regarded as a member of the series that includes the Tatranská Lomnica (Czechoslovakia, 1961), Kalatowki (Poland, 1962), Tatranská Lomnica (Czechoslovakia, 1964), Sopot (Poland, 1966), Potsdam (G.D.R., 1968) and Gyula (Hungary, 1971) meetings. Papers presented at these Consultations have been published successively in 1. Contr. Wrocław Astron. Observ., No. 14 (1964), 2. Bull. Astron. Inst. Czech., 14, No. 3 (1963), 3. Czechoslovak Acad. Sci., Publ. of the Astron. Inst., No. 51, (1965), 4. Contr. Wrocław Astron. Observ., No. 17 (1969), 5.

Geod. Geophys. Veröff. Akad. Berlin, R II, H.13 (1969), 6. in press in Hungary.

Altogether 64 scientists from 11 countries attended the 7th Regional Consultation and there were 63 papers of various lengths presented. Seven scientific sessions had the following topics:

- I. August 1972 Activity on the Sun
- II. Solar Flares and Prominences
- III. Scientific Results of the INTERCOSMOS Project
- IV. Magnetic Fields, Sunspots, Large Structures and Periodicity
- V. Radioastronomy
- VI. Corona, Solar Wind and Magnetosphere
- VII. Theoretical Astrophysics and Observational Techniques

This publication contains all the papers read, but in some cases only the abstracts are published here because the full text will appear elsewhere.

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