II\textsuperscript{nd} INTERNATIONAL SEMINAR
ON HIGH RESOLUTION INFRARED SPECTROSCOPY
PRAGUE, SEPTEMBER 4-8, 1972

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The II\textsuperscript{nd} International Seminar on High Resolution Infrared Spectroscopy will be held in Prague, on September 4-8, 1972\textsuperscript{x}, by the Institute of Physical Chemistry of the Czechoslovak Academy of Sciences under the Sponsorship of the Czechoslovak Spectroscopic Society. Papers presented by the participants at the seminar should be planned to deal with topics covered by the following headings: theory of vibrational and rotational motions in molecules, determination of molecular structure from high-resolution data, experimental techniques in high-resolution infrared spectroscopy including Lamb-dip spectroscopy and Stark spectroscopy, computer simulation of infrared band contours, and numerical methods in the determination of molecular constants (including force constants calculations). Papers on microwave studies will also be welcome, especially if they deal with, for example, vibration-rotation interactions or submillimeter wave spectroscopy. Furthermore, papers on high-resolution Raman spectroscopy will also be welcome.

\textit{Anmelden ab pr. 26. Nov. 1972.}

\textsuperscript{x} Please note the small change of date in comparison with Bulletin No.1
Lectures at the seminar are to be given in either English, French, German, or Russian. The lectures will be limited to 30 minutes except for invited lectures which will be limited to 60 minutes.

There will be a one-day excursion during the seminar to the infrared laboratory of the Institute of Physical Chemistry and will include a demonstration of the high-resolution infrared spectrometer.

Title for the following invited papers have already been received:

Prof. G. Amat (Faculté des Sciences de Paris): "Vibration-Rotation Line Intensities".

Prof. I. Kovács (Polytechnical University, Budapest): "Molecular Structure and Centrifugal Distortion".

Prof. K. Narahari Rao (The Ohio State University, Columbus, Ohio): "Aspects of Research in Infrared Spectroscopy at the Ohio State University".

Dr. A. F. Krupnov (Radiophysical Research Institute, Gorky, U.S.S.R.): "Millimeter and Submillimeter Spectroscopy of Gases Over a Wide Region".

Dr. P. R. Bunker (National Research Council of Canada, Ottawa): "The Vibration-Rotation Problem in Triatomic Molecules".

Organizing Committee:

D. Papoušek (chairman), Z. Cihla, M. Horák (Czechoslovak Spectroscopic Society), J. Pitrová (Secretary), R. Sovička, J. M. R. Stone, and V. Špirko.

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