

## **A Special Issue of Zeitschrift für Naturforschung C, Biosciences on “Stress Synergisms in Plants”**

The “International Workshop on Stress Synergisms in Plants” held at Tata, Hungary, August 23–26, 1998 brought together scientists working on stress-induced alterations of metabolic processes related directly or indirectly to photosynthesis in plants and autotrophic microorganisms. Most recent results regarding responses of photosynthesis and plant productivity to various stress factors were discussed. The participants came from Austria, Belgium, Germany, Greece, Hungary, India, Israel, Japan, Poland, Spain, The Netherlands, Switzerland, France, Bulgaria, Brazil, Czech Republic, Ireland, Romania and Ukraine.

Five sessions with plenary lectures were presented on (1) General aspects of stress and photosynthesis, (2) High light and temperature stress, (3) Light stress and nutrition deficiency, (4) Ozone and elevated CO<sub>2</sub>, (5) Heavy metal and biotic stress. Five additional sessions with oral and poster presentations covered the major progress in detailed experimental studies to these five topics. Special attention was paid to synergistic effects of stress factors on photosynthesis such as oxidative impacts, drought, or salinity. Contributions were also presented on the methodology of stress detection such as spectrometric techniques for multifactor analysis of the plant, imaging, laser-induced fluorescence or thermoluminescence.

35 selected contributions of this meeting with about 150 printed pages are published 1999 in this Special Issue of Z. Naturforsch. C giving a topical overview which should be of interest to all researchers working on stress physiology.

The price is DM 96,- or US \$ 51,- without postage. Please order through: Z. Naturforsch. C, P.O.Box 2645, D-72016 Tübingen, Germany.