



"Ernst Schoeberl has received the OSTIV Diploma for his TECHNICAL paper with the following citation:

Ernst Schoeberl, born in 1946, was very early fascinated by air modelling. Educated in mechanical engineering at the Oskar von Miller-Polytechnikum München he graduated in 1978. Beside his studies he followed always the general development in the field of aeronautical engineering and worked in his spare time on the problem of low loaded, high efficient propellers.

Based on Prandtl's, Betz's and Goldstein's theory he transferred calculations from that of turbines. So he developed the propulsion system and worked on the optimization of the first German solar powered airplane SOLAIR I in 1980. His main work was the conception, optimization, design and testing for the man powered airplane MUSCULAIR I, which won two KREMER-Prizes and established 1984 a triangular speed world record for man powered flight and made also the first human-powered passenger flight in the history of aviation. Subsequent work he did for the speed-plane MUSCULAIR 2.

Presently he and a friend are engaged in solar-powered flight and then built the first series-produced model aircraft, that set a world speed record in 1987.



Dr. Dieter Heimann has received the OSTIV Diploma for the METEOROLOGICAL paper with the following citation:

"Dr. D. Heimann finished his studies in meteorology at the Free University of Berlin in 1979. During the following years he joined projects on regional environmental meteorology. In 1985 he attained the Dr.rer.nat. at the University of Munich for the development of a three-layer mesoscale model of air flow and air pollution transport. Since 1985 he works with the Institute of Atmospheric Physics of the German Aerospace Research Establishment (DFVLR) at Oberpfaffenhofen near Munich. Beginning in 1976 Dr. Heimann engaged in soaring weather prediction besides his studies and his work. The strong interest of glider pilots and competition managers in accurate forecasts was a sufficient motivation for him to look for new tools in improve the weather consulting. With the practical experi-

ence in numerical simulations the idea came up to use 'simple' computer models of thermals and convection to support the forecaster's duties at glider fields. But only when the technical progress brought about unexpensive and transportable micro-computers in the early eighties this idea could be realized.

Keynote Address

Following the presentation of awards Dipl.Ing. Gerhard Waibel gave the keynote address

"Visit to the Ridge Runners of the Appalachian Mountains"

In his distinctive, incomparable and humorous way of presentation Gerhard Waibel gave a lively description of his visit and experience at Karl Striedick's farm.

Opening of the Congress by the President

"Honorable Guests, Ladies and Gentlemen,

Before we leave now for our Congress work - it will start tomorrow morning at 9 o'clock with the first meteorological session - I want to express my highest appreciation to all who helped in the preparation and especially to two persons who had taken the most care of the excellent preparation of the Congress: Commander Colonel Chiapini and our OSTIV-representative Lt. Colonel Plinio Rovesti. OSTIV-participants were not only guided by large OSTIV signs to the Secretariate in the military area, but there they will also find a perfectly prepared brandnew Lecture Hall and will finally be provided with a refrigerator full of nice cold mineral water right beside their seats.

Looking forward to these well prepared facilities, I am sure that we will have a good conference for the next seven days and in this sense and with the best hope

I declare the XIX OSTIV-Congress open!"