



## **A method to overcome the problem of 'slow' sensors**

**J.H. Schween**, J. Reuder

Meteorological Institute, LM University Munich, Germany

In general sensors have a certain inertia. I.e. they follow a sudden change of the quantity they measure with a certain delay. As a result they give a signal which is smoothed in time. In many cases it is desirable to have a faster response of the sensor. A method is presented to recalculate the original real signal. The method is applied to temperature and humidity profiles measured within the Banner cloud project at the cable cars at Zugspitze mountain Germany.