



## **On the QBO-Solar-Relationship throughout the year (Vilhelm Bjerknes Medal Lecture)**

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Large effects of solar variability related to the 11-year sunspot cycle (SSC) are seen in the stratosphere throughout the year, but only if the Data are grouped according to the phase of the QBO (Quasi-Biennial Oscillation). New results based on an extended, 70 year long dataset, fully confirm earlier findings. By means of teleconnections, the dynamical interaction between the Arctic and the Tropics in the stratosphere and in the troposphere is investigated for the whole dataset and compared with the anomalies of single events.