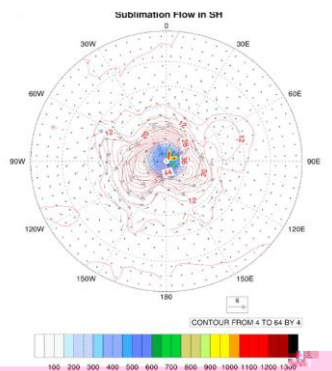
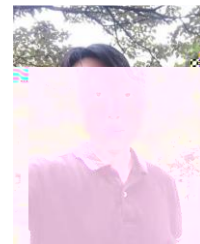




Dr. Chow has many years of experience in researches about the atmospheres of Earth and Mars, particularly on the dynamics and climate of dust storms in recent years.

As the Co-Investigator and principle investigator of two projects funded by the FDCT of Macau, Dr. Chow has led the research group to study the dynamics of dust storms on Mars, and has obtained some research accomplishments that have substantially enhanced our understanding on the simulation and dynamics of the dust climate on Mars.

Dr. Chow was also participated in the first Mars exploration mission of China (Tianwen-1). His research group used the MarsWRF model to perform some high resolution simulations of the Martian climate and has made some analysis on the atmospheric conditions during the landing time. Based on the analysis, a best landing time period was proposed to the mission team.



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