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I am currently working on my thesis at Dalhousie University under supervision of Dr. Ian Folkins.

My research is about estimating the tropical divergence from rawinsonde rings of stations which could be used to explain the mass transport from surface to mid and upper troposphere. Further, I compare these profiles with the same divergence profiles estimated from the CGCM3. In addition to this, I compare (observations vs. CGCM3) the temperature anomaly profiles in the regions of enhanced precipitation, which could explain convective and stratiform heating modes, and strength of the downdrafts.

I am very interested in attending this summer school, as it will give me a better understanding of how the model works.

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