Contribution ID: **203**                                                    Type: **Poster Presentation**

# Mesospheric Ozone Monitoring

*Tuesday, 26 June 2018 15:00 (2 hours)*

SANSA has built a low-cost (USD 100-) mesospheric ozone radiometer based on a BeagleBone micro-controller running Linux. This presentation describes the development of a real-time data viewer and algorithm that analyses the ozone spectrum to infer ozone density. A spectrum is generated roughly every 5 minutes, and one data file per day. Results examining ozone density as a function of day-of-year will be presented along with a description of the code development.

**Please confirm that you<br>have carefully read the<br>abstract submission in-structions<br>under the menu item<br>"Call for Abstracts"<br><b>(Yes / No)</b>**

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