

# Power Spectral Density Calculation Code



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- Spectral content will be calculated by participants
- Consistent data reduction methods are needed to aid in workshop-wide analysis
- Thanks to Eduardo Molina (Embraer) for the script

- **Script can be called from the command line**

```
python compute_psd_10212024.py -f yourFileName.csv -o 0.5 -n 8192
```

- **Script will read a csv file with time-dependent pressure data**

- First column: time with a fixed dt (in seconds)
- Comma between columns 1 and 2
- No trailing comma
- Advise if an alternate data file format is needed

- **Contact Eduardo Molina with questions or inquiries**

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