# IFRAME BACKGROUND

#### About me

I am currently doing a PhD at UiT The Arctic University of Tromsø. The working title of the project is "Global temperature response to volcanic activity", where we will be looking at how the global mean temperature responds to volcanic activity using a new non-parametric approach.

You can have a look at my CV here, or download it as PDF.

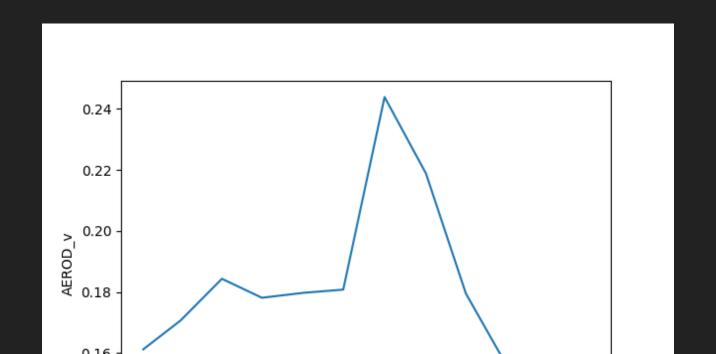
I have another website over at flottflyt.com. There I put up things I find interesting and projects I work on in my spare time.

#### Work

#### **Master Thesis**

My master thesis was titled "A model for IS spectra for magnetized plasma with arbitrary **isotropic velocity distributions**". It discusses radar theory related to incoherent scatter radars and measurement of suprathermal electrons, electrons with more energy than the normal population of electrons present in the upper atmosphere. A large part of the thesis work was put into creating a code that solved the power spectrum of said suprathermal electrons numerically. The home page of the source code is available here.

## CODE



```
"""Run the print loop.
        Parameters
       i: int
            How many lines to print
        Returns
10
11
       int
12
            The number of lines that was printed
        11 11 11
13
```

### MATH

Math should be wrapped in `backticks`

`\$\frac{1}{2}\$`

#### This:

$$egin{aligned} \langle n_{
m e}^*(oldsymbol{k})Y_{
m e}
angle &= -rac{1}{V}rac{1+2ZX_{
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m p}^2}{1+2X_{
m p}^2(1+Z)}g_{
m i}\left(oldsymbol{k},rac{s}{\Omega_{
m i}}
ight) \end{aligned}$$

### ...is generated from this:

```
3 \begin{split}
11 \end{split} \\[lem]
```

$$egin{aligned} \dot{x} &= \sigma(y-x) \ \dot{y} &= 
ho x - y - xz \ \dot{z} &= -eta z + xy \end{aligned}$$

### EXPERIMENTS

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