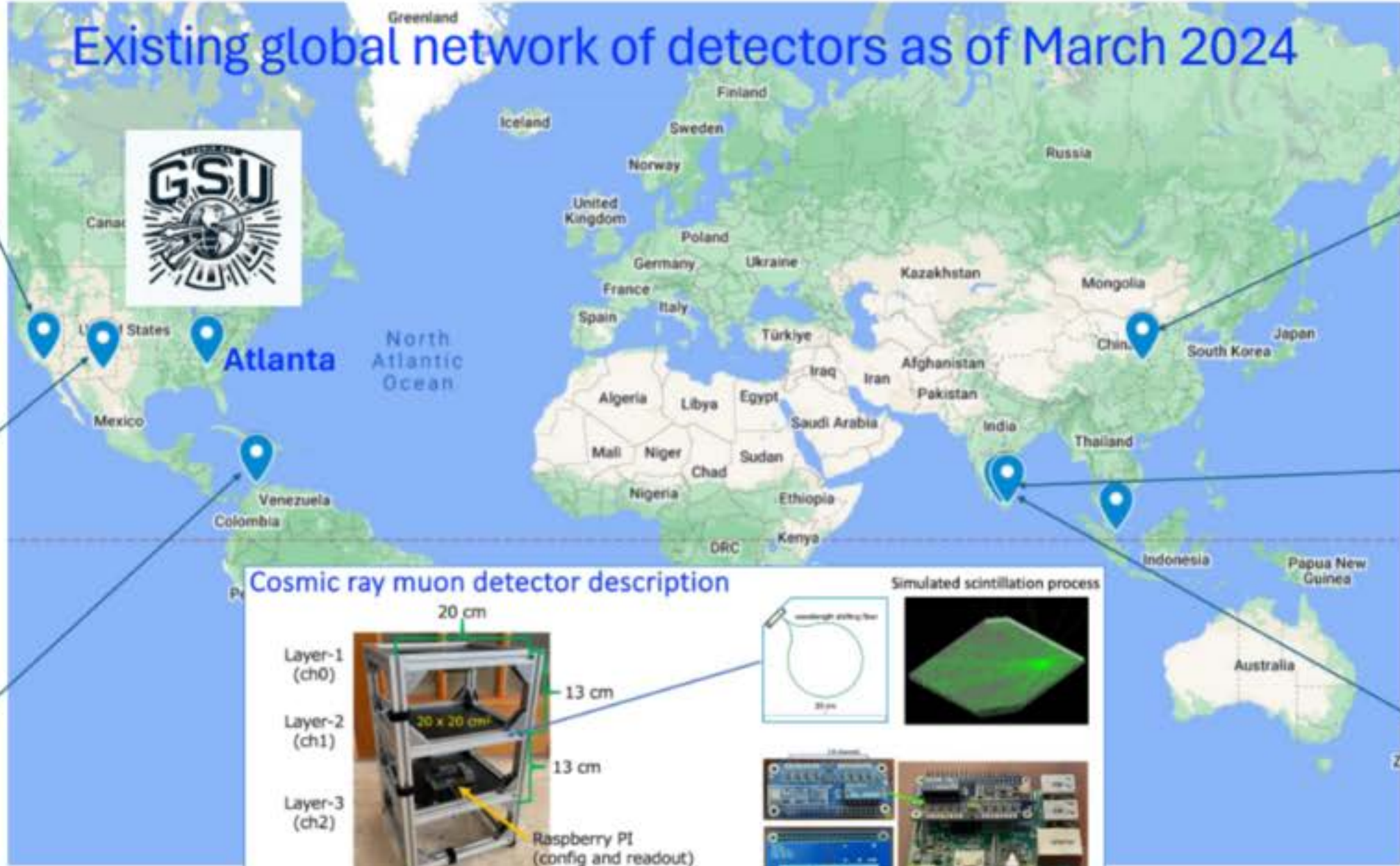


**The Earth is an integrated system of dynamic interactions between the atmosphere, ocean, land, ice, and human society. Its evolving and emerging characteristics must be continually explored through observation**  
 [“Thriving on Our Changing Planet: A Decadal Strategy for Earth Observation from Space”, National Academic of Science, Engineering, and Medicine, 2018]



**Mt Wilson, California**



**Apache Point Observatory, NM**



**Santa Marta, Colombia**



**Xian, China**



**Colombo, Sri Lanka**

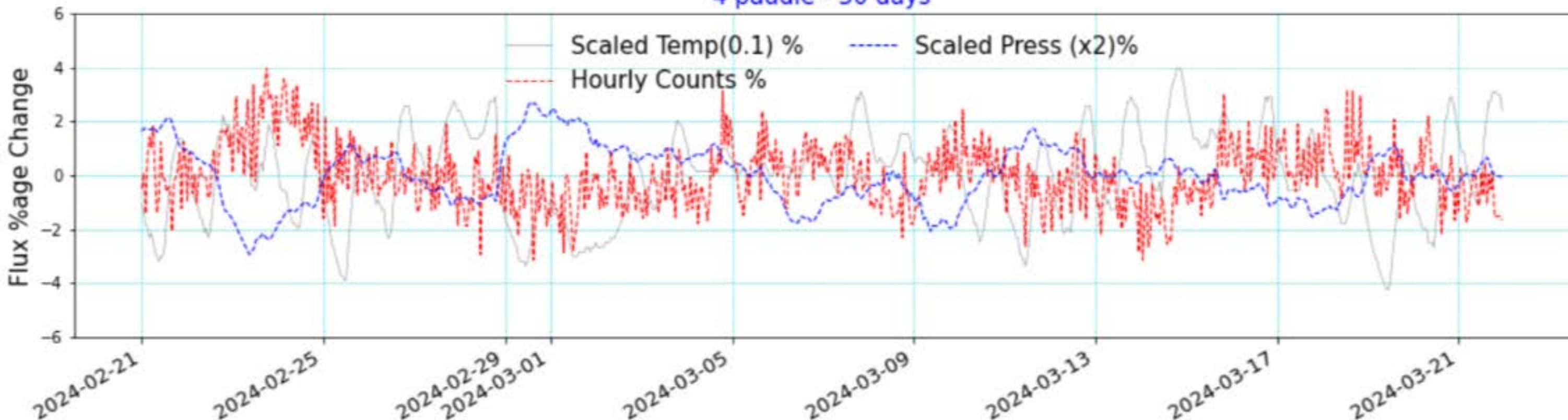


**Uva Wellassa, Sri Lanka**

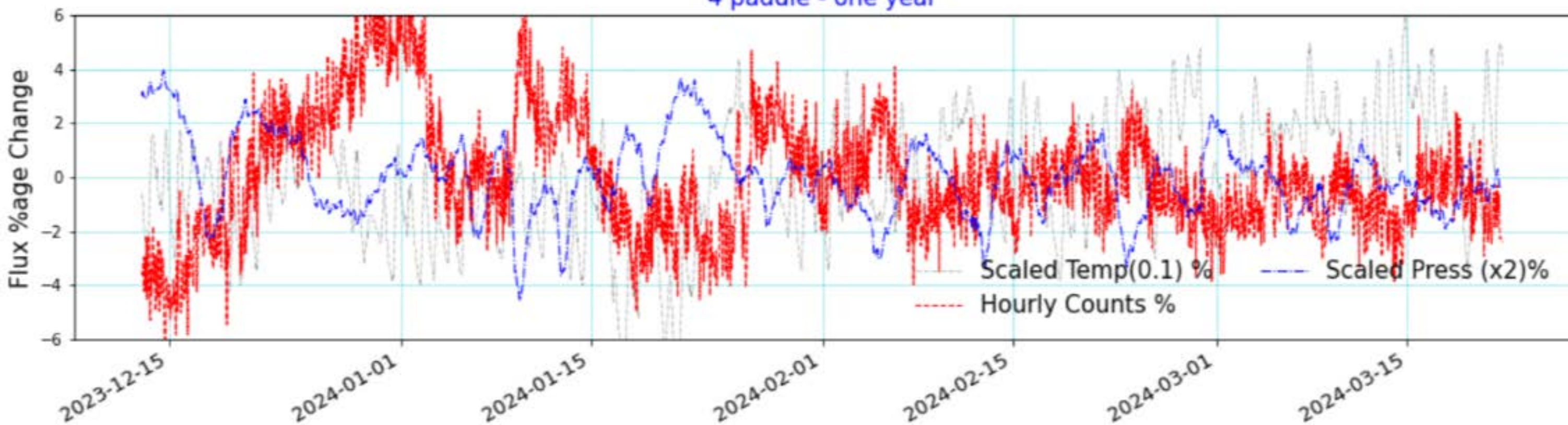


# 4 Paddle Detector

4 paddle - 30 days



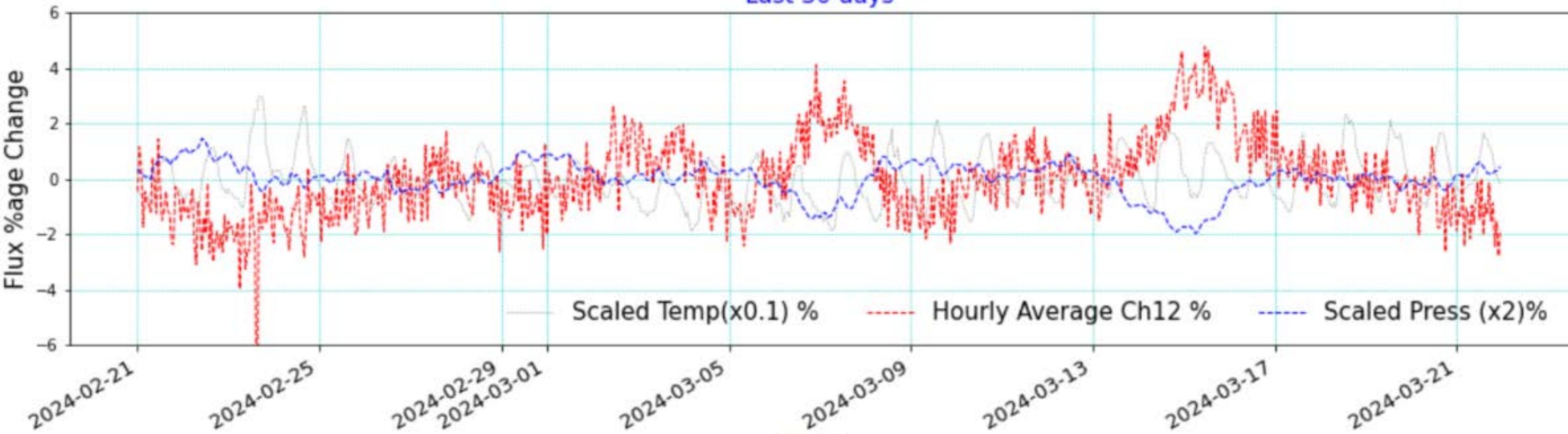
4 paddle - one year



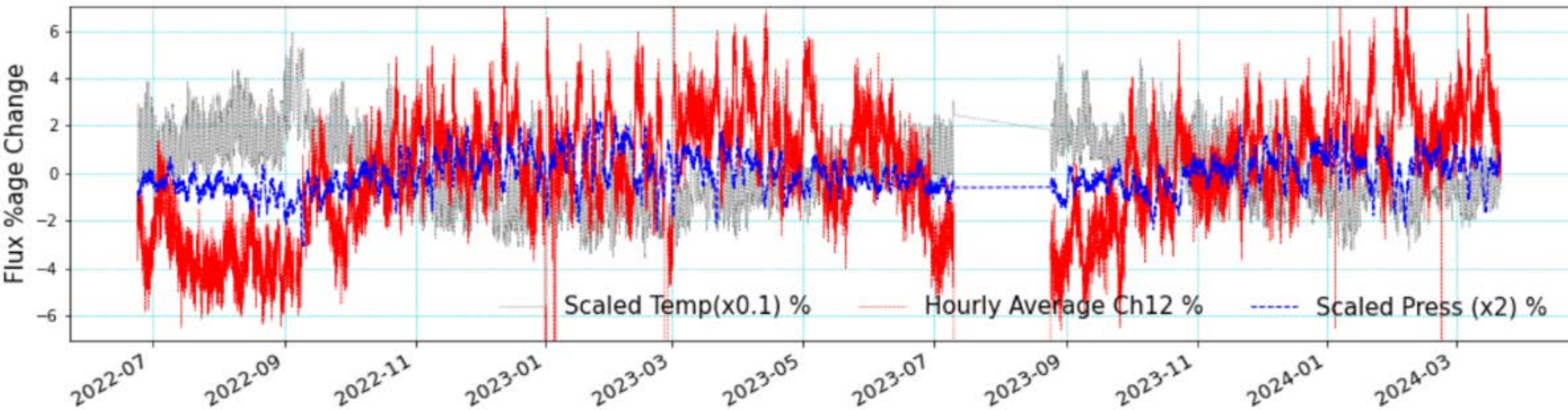


# Detector at CHARA (Muoh002)

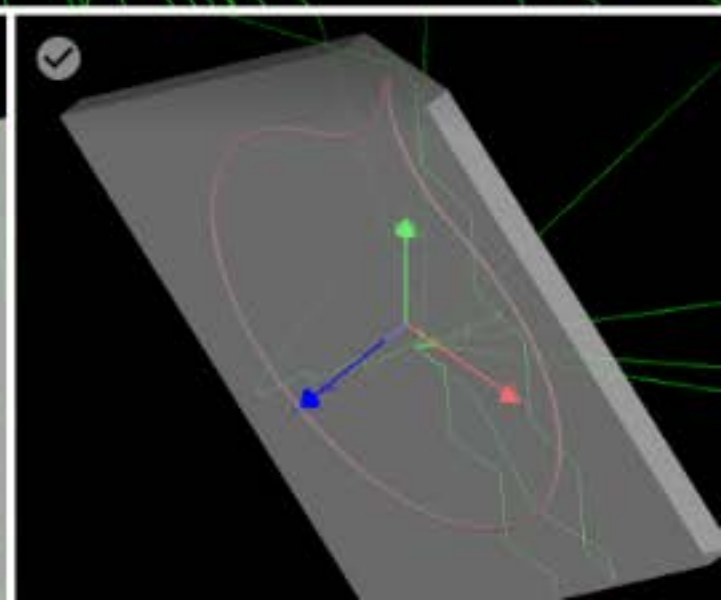
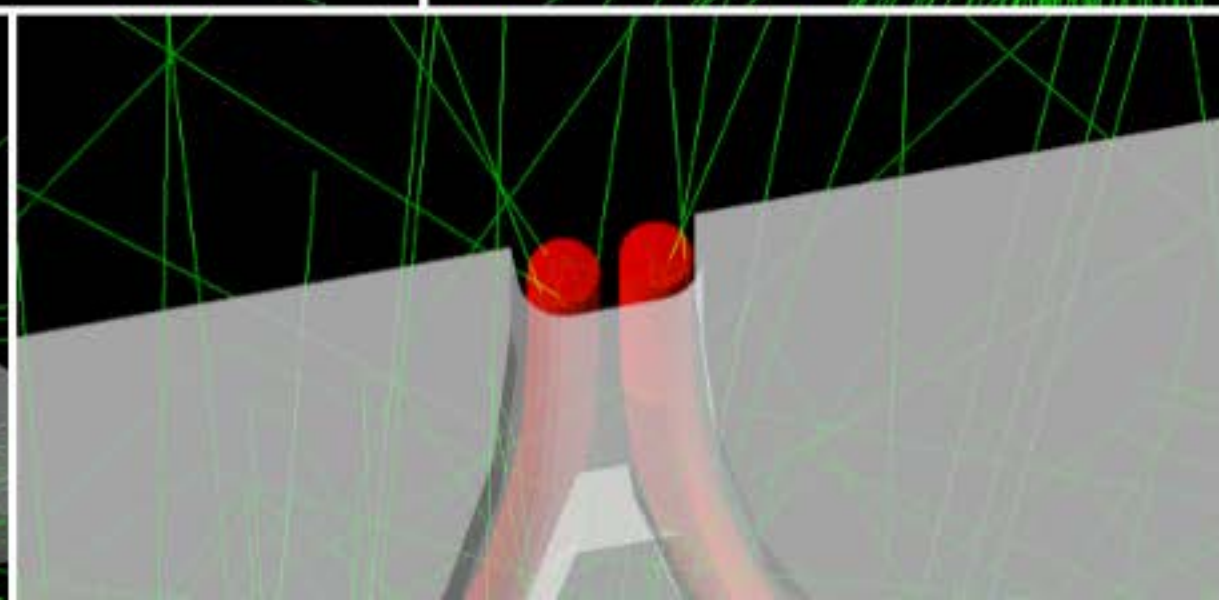
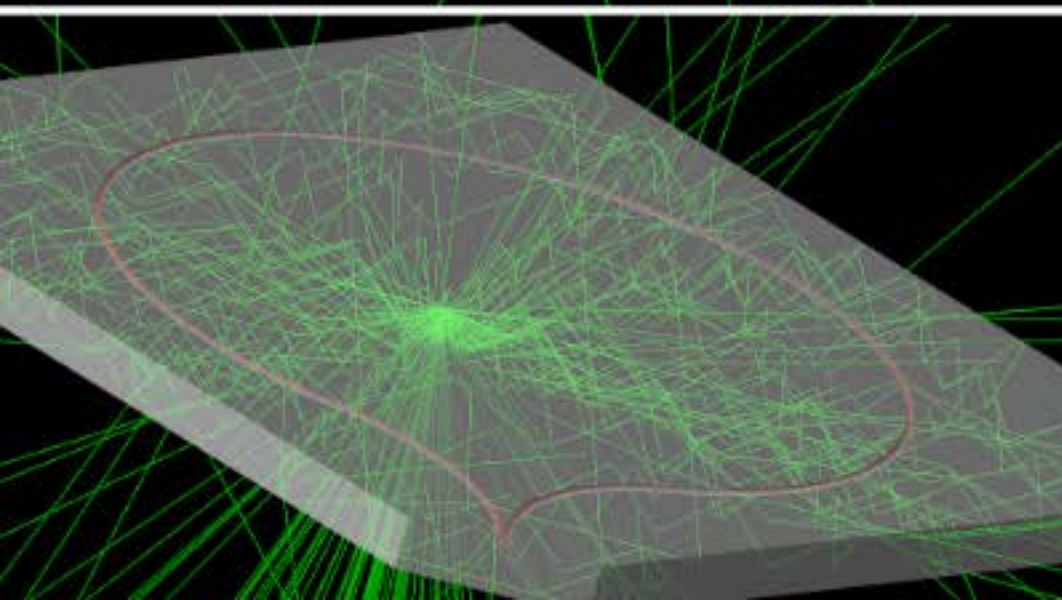
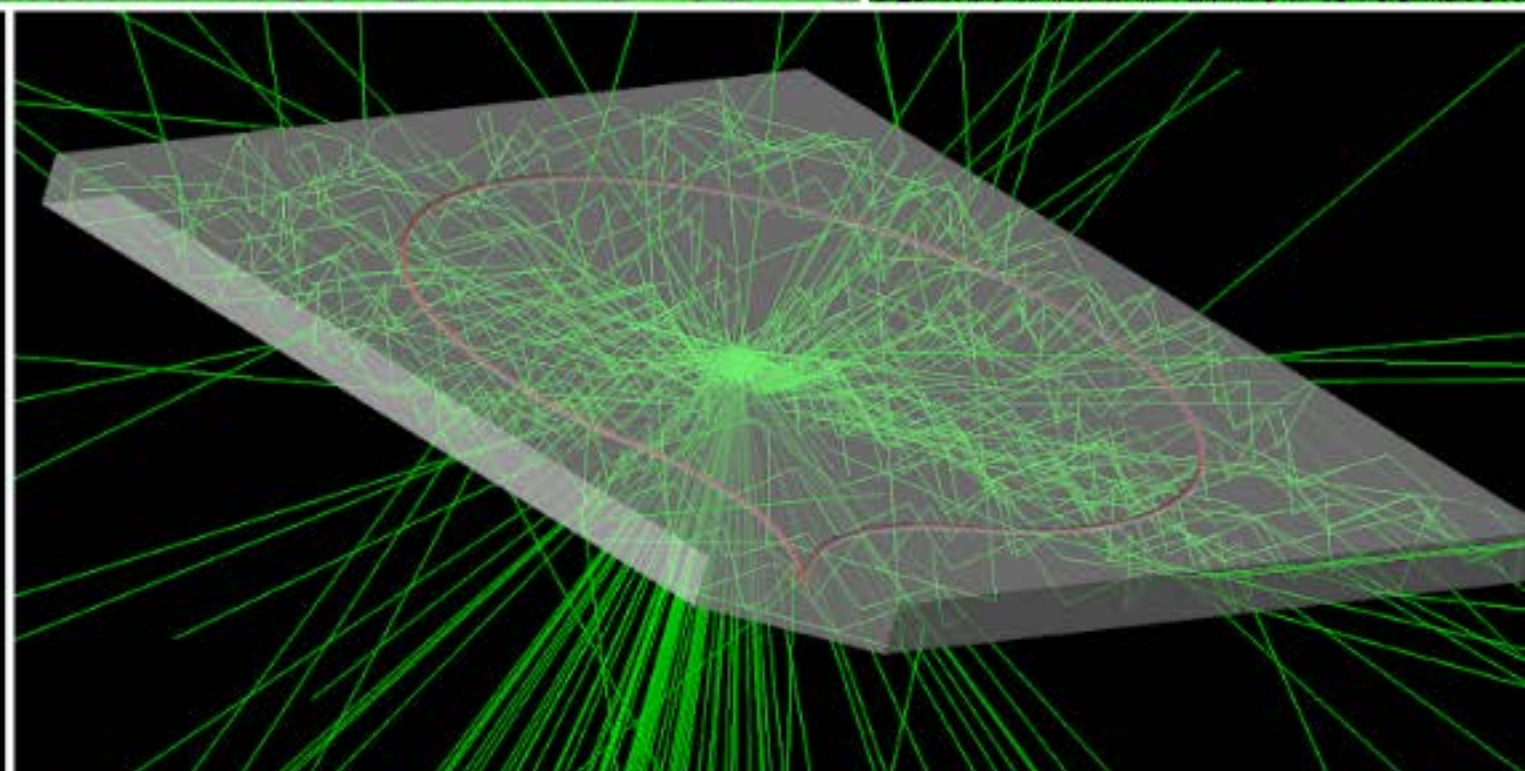
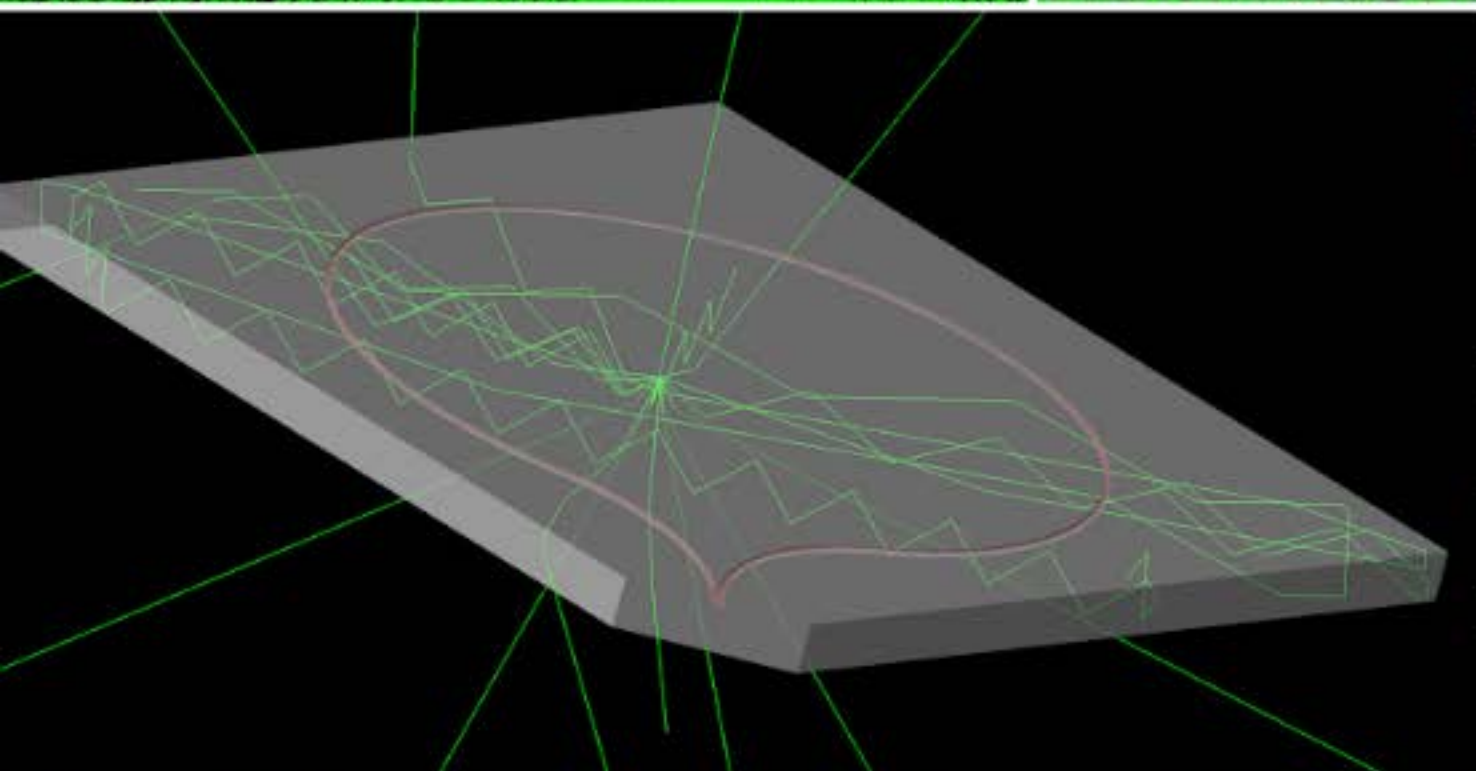
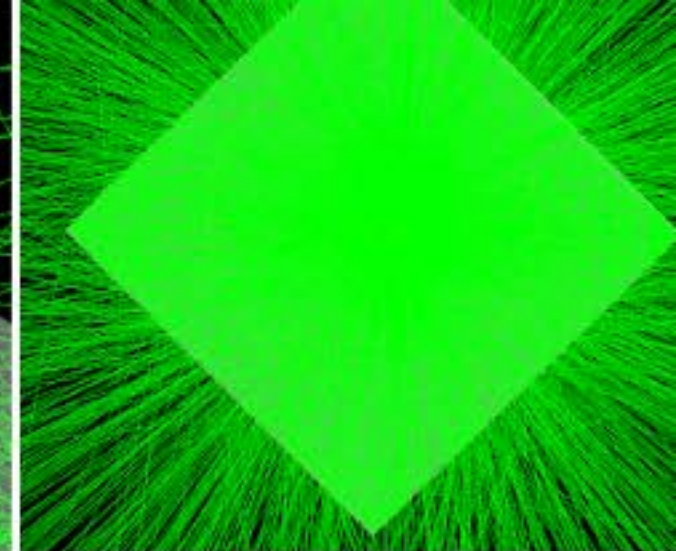
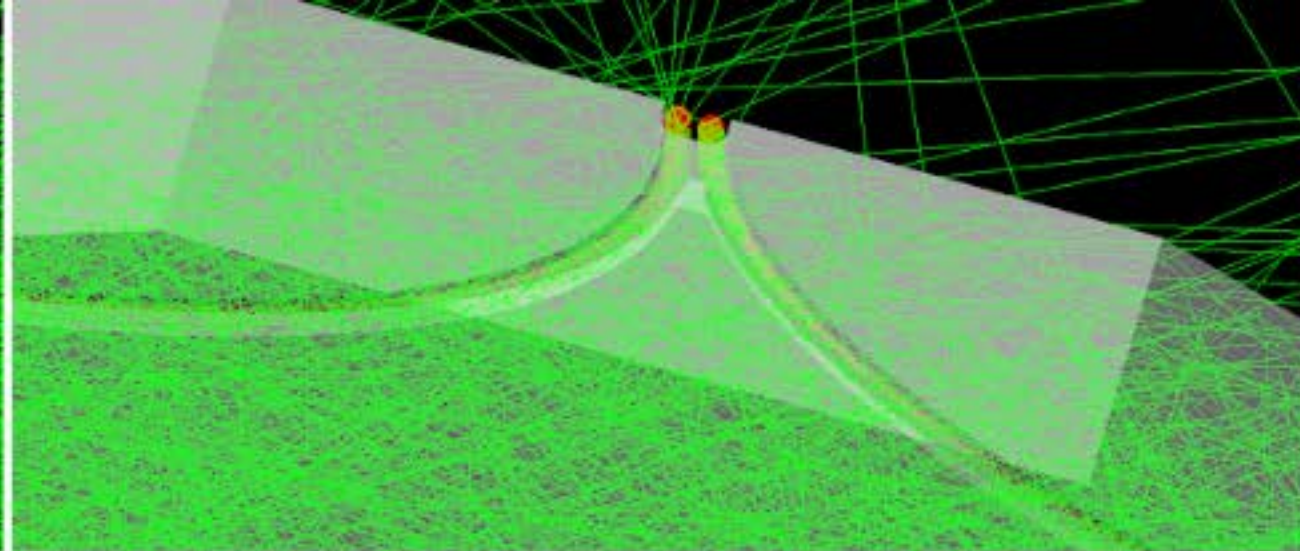
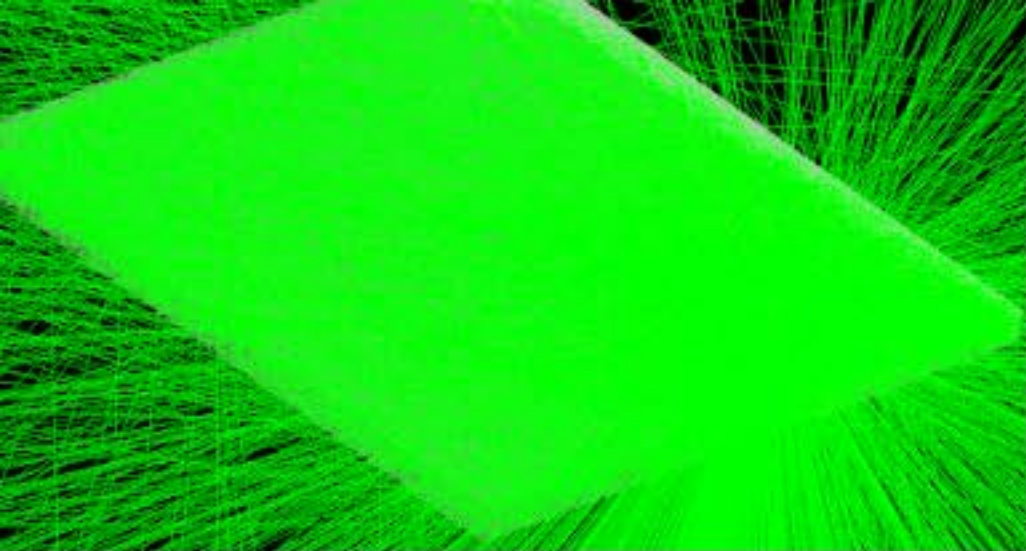
Last 30 days



All data

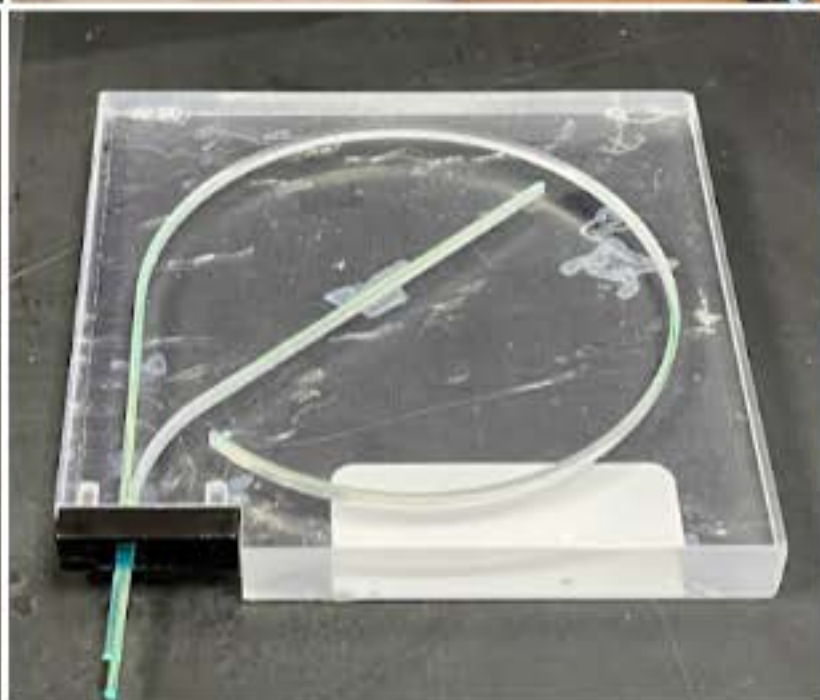








1/20/2022







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Xiaochun He

```

2023-03-31T10:42:02.049Z,0,0,0,117.61,102.0,1266.972,1120,
2023-03-31T10:43:02.050Z,0,0,0,109.67,108.0,1304.991,1161,

cosmic@muonTelescopeAlpha:~/dev-tools $
cosmic@muonTelescopeAlpha:~/dev-tools $ sudo ./voltageDump.sh
[sudo] password for cosmic:
|Board  0x00| Channel 0 | Channel 1 | Channel 2 | Channel 3 | Channel 4 |
|Channel 5 | Channel 6 | Channel 7 | | | |
|---|---|---|---|---|---|
|Target (U)| 0.000000 | 55.400000 | 54.000000 | 55.400000 | 0.000000 |
|0.000000 | 0.000000 | 0.000000 |
|Voltage (U)| 4.490965 | 55.097048 | 57.266976 | 54.747556 | 0.000000 |
|0.000000 | 0.000000 | 0.000000 |
|Temp (C)| 11.174347 | 32.494690 | 11.174347 | 33.337738 | 0.000000 |
|0.000000 | 0.000000 | 0.000000 |
cosmic@muonTelescopeAlpha:~/dev-tools $

```

Xiaochun He



vin Ashok



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Xiaochun He



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2023.03.31  
Marino Hotel  
Colombo, Sri Lanka



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