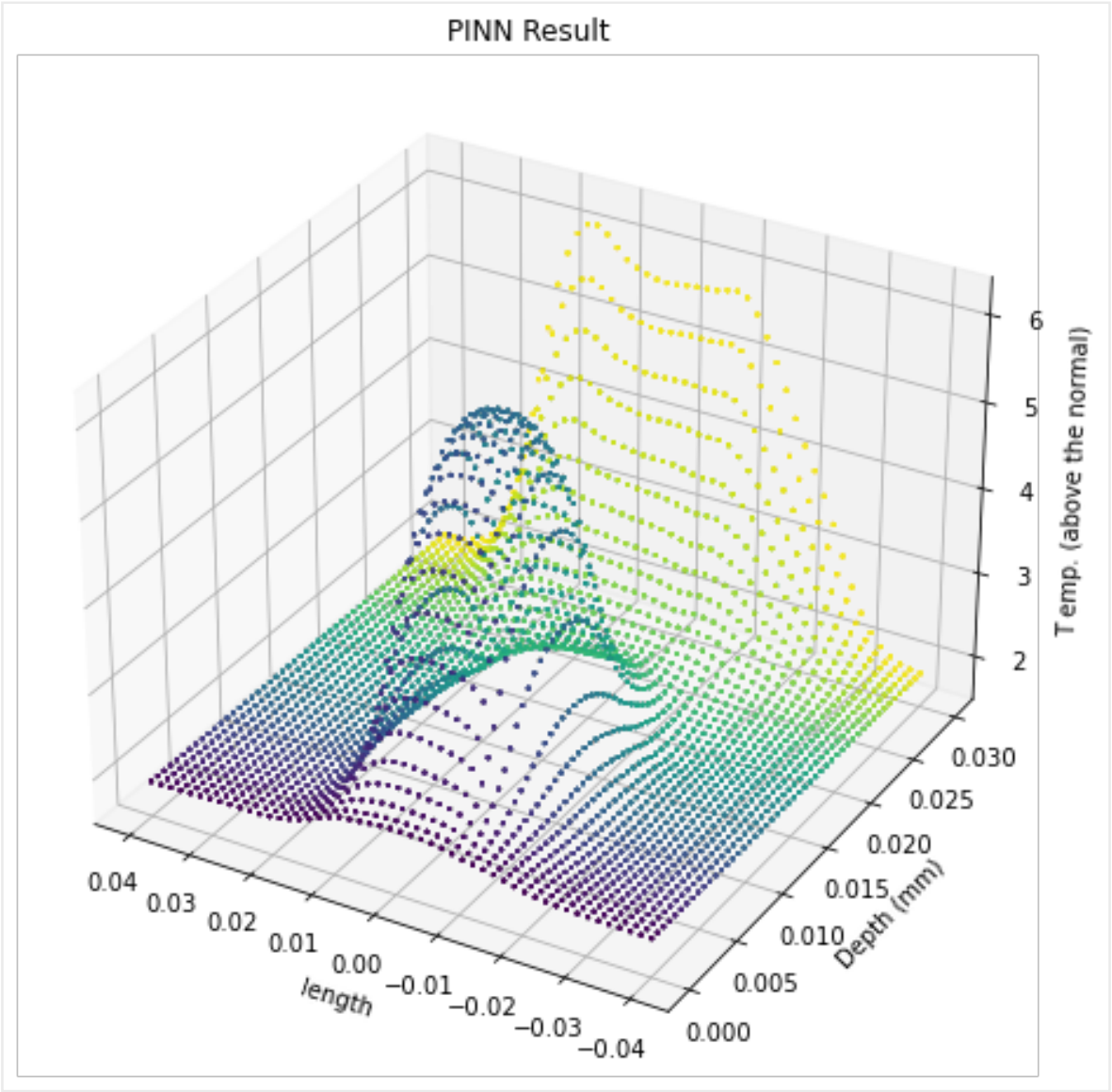
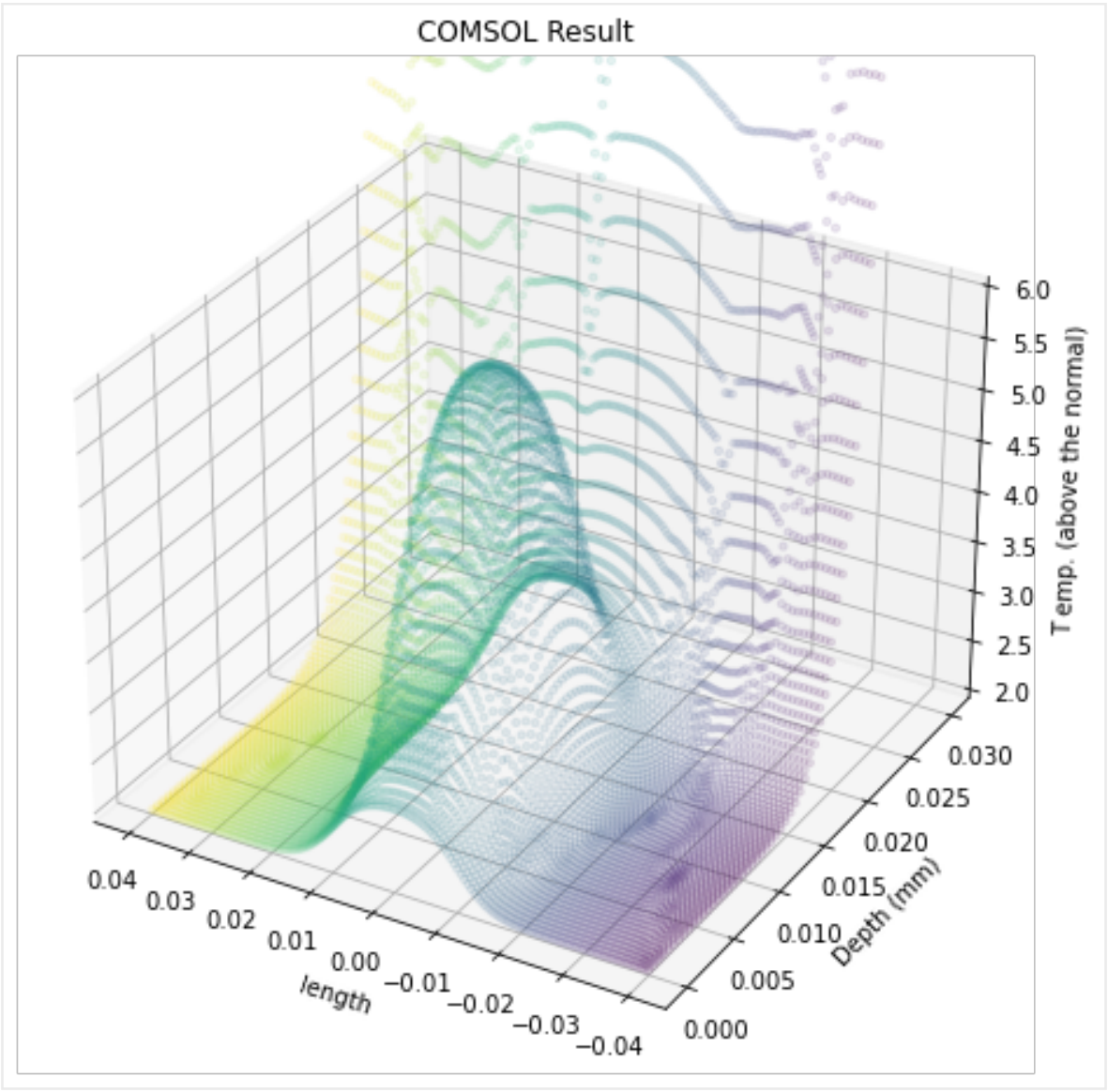
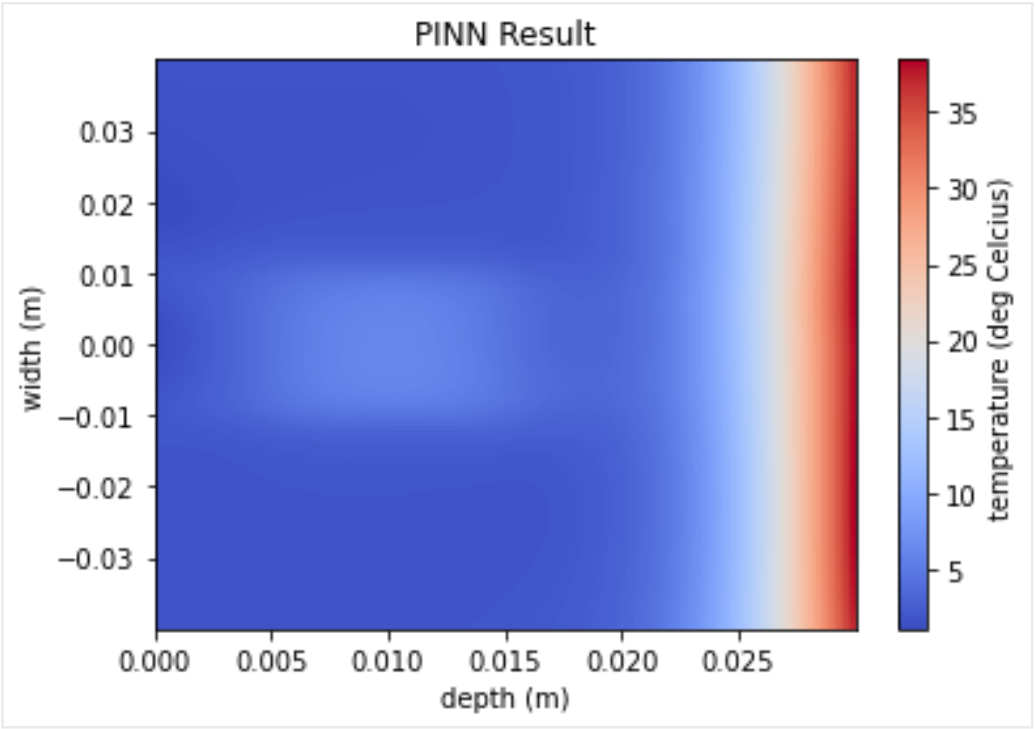
Results

Comparison of the results from PINN and the COMSOL(Software)




COMSOL Result
6.0
5.5
5.0
4.5
4.0
3.5
3.0
2.5
2.0
Temp. (above the normal)
0.030
0.025
0.020
0.015
0.010
0.005
0.000
Depth (mm)
0.04
0.03
0.02
0.01
0.00
−0.01
−0.02
−0.03
−0.04
length


PINN Result
0.03
0.02
0.01
0.00
−0.01
−0.02
−0.03
width (m)
0.000
0.005
0.010
0.015
0.020
0.025
depth (m)
35
30
25
20
15
10
5
temperature (deg Celcius)