

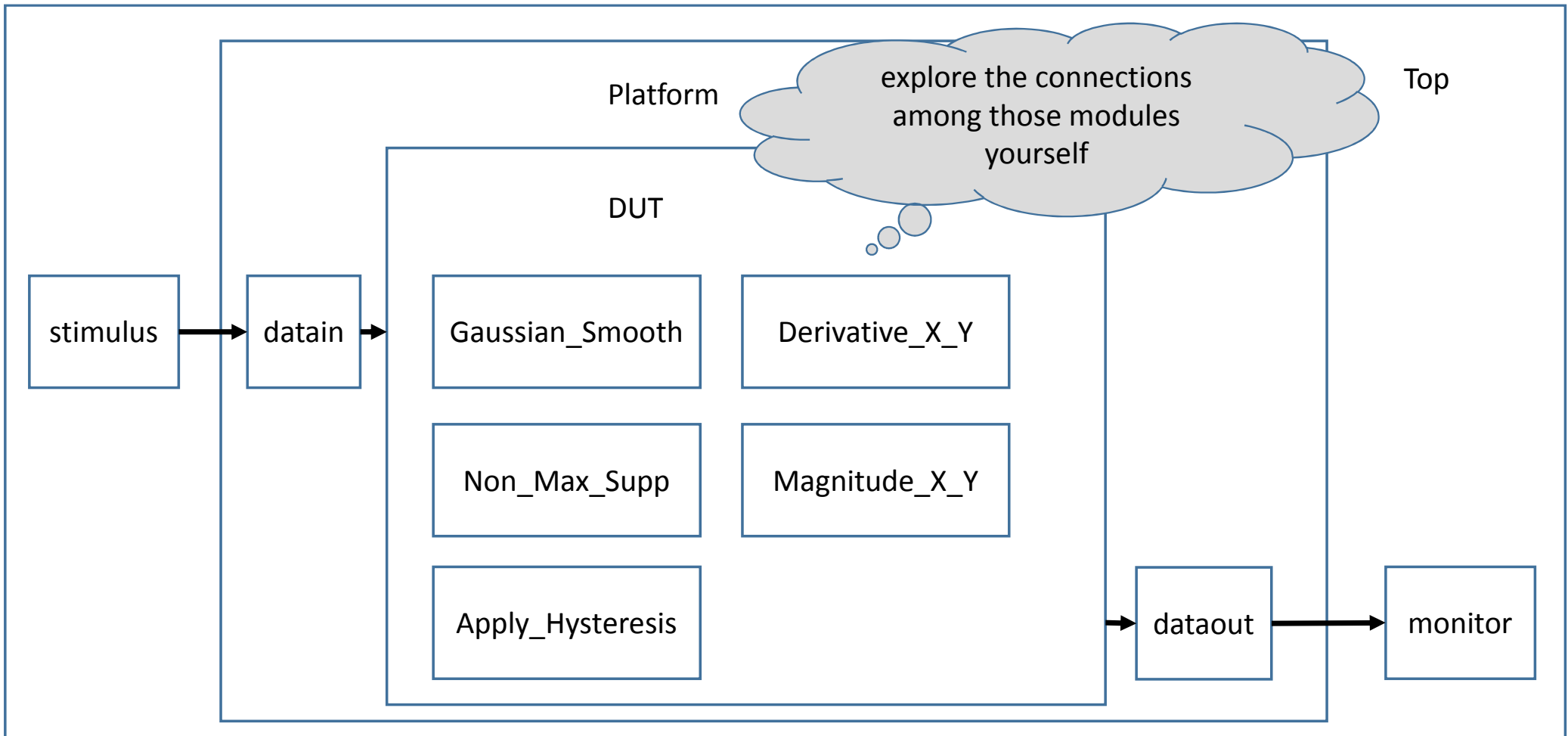
ECPS 203

TA Cheng

Agenda

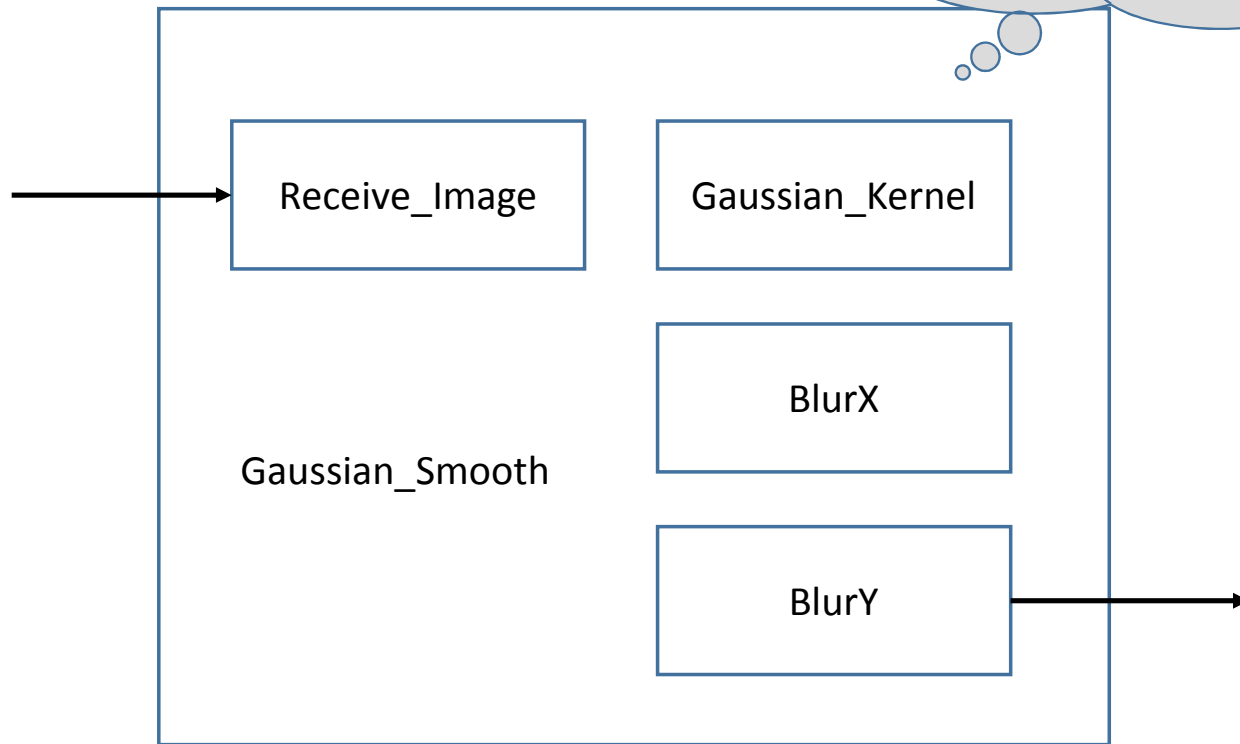
1. refine the model
2. profiling

refine the model



Gaussian_Smooth module

explore the connections among those modules yourself



Structs

- we used IMAGE for communication in assignment 5
- you may need to define other value types this time
- follow the convention of struct IMAGE

```
typedef struct Image_s  
{  
    unsigned char img[SIZE];  
    ...  
}
```

wrapped value
type

gprof tool

1. change the Makefile:
append `-pg` to the compilation command
`$(CC) $^ $(CFLAG) -o $@ -pg`
2. make sure that your program can run successfully
3. type **make** to compile
4. it will generate a `gmon.out` automatically
5. type **gprof Canny** to generate profiling information