

## SimPEG Meeting Minutes

<b>Subject/Purpose</b>	- Introduction to Python
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<b>Organizer's Name</b>	Luz Angelica Caudillo Mata	<b>Date</b>	2013-06-26
<b>Organizer's Location</b>	ESB 4013		
<b>Meeting date/ location</b>	GIF room	<b>from:</b>	12:00
		<b>to:</b>	13:00

ATTENDANTS			
No	Name	Initials	RoI
1	Eldad Haber	EH	Participant
2	Dave Marchant	DM	Moderator
3	Lars Ruthotto	LR	Participant
4	Luz Angelica Caudillo Mata	LACM	Participant
5	Kristofer Davis	KD	Participant
6	Seogi Kang	SK	Participant
7	Jenn Fohring	JF	Participant
8	Wing Wa Yu	WY	Participant
9	Klara Steklova	KS	Participant

PRE-REQUISITES	
Description	Who
Prepare Python introductory tutorial	DM

AGENDA						
Hours of		Time (min)		No	Topics	Discussion Leader
Start	End	Plan	Real			
12:00	13:05			1	Sushi	All
		60	65	2	Python introductory tutorial	DM

<b>Totals</b>	60	65	
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ACTIVITIES, ACTIONS AND IMPORTANT INFORMATION			
No	What	Who	When
1	Program the class mesh such as it generates the nodal and staggered grids. This class should be able to plot part of the mesh.	LACM LR	2013-07-03
2	Put tutorial notes in Bitbucket repository	DM	2013-07-03
3			

## Notes

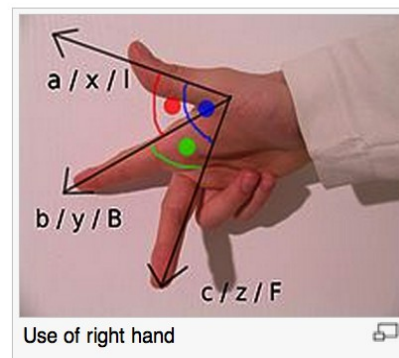
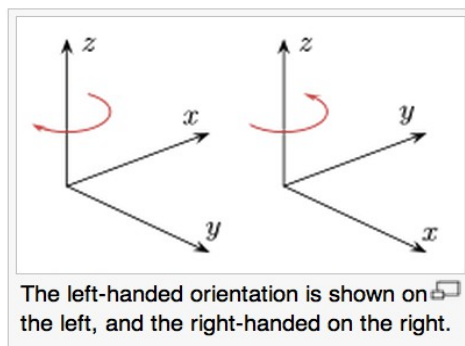
### MEETING SUMMARY

1. Introduction to Python  
DM created an interactive notes to demonstrate some of the Python capabilities. This notes are self explanatory and contains some useful links and sources. This notes will be uploaded to the SimPEG repository sometime in the following week.
2. EH commented that week by week we will construct the building blocks to obtain the code for the Maxwell's Equations in Frequency Domain using orthogonal meshes. The idea is to have this code ready by the end of July.

For the following week LR and LACM will be the volunteers to code the class mesh.

### AGREEMENTS

1. **Every week we will switch volunteers to code building blocks.**
2. **For the axis orientation we will use the "Right-hand rule"**



\*Pictures taken from Wikipedia: [http://en.wikipedia.org/wiki/Right-hand\\_rule](http://en.wikipedia.org/wiki/Right-hand_rule)

### COMMENTS AND OTHER TOPICS TO BE DISCUSSED IN FURTHER MEETINGS