

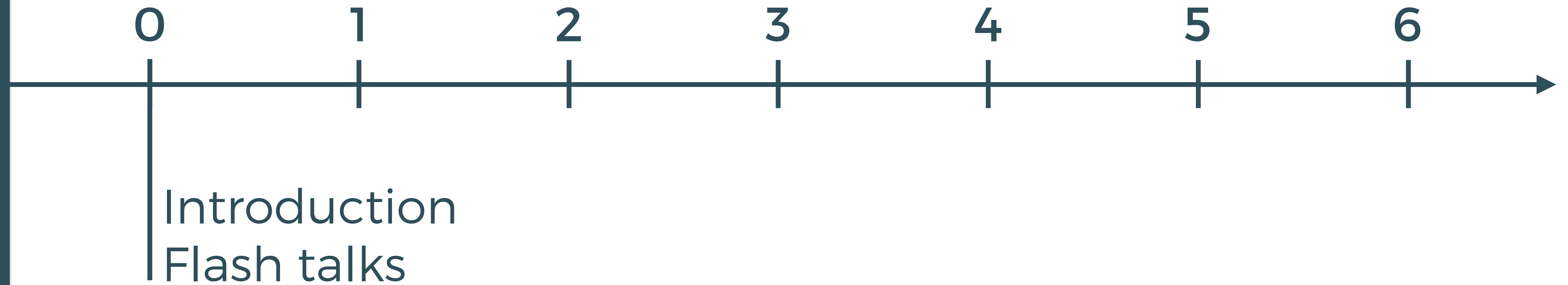


# Wrapping up or What we learned and discussed

# Week overview

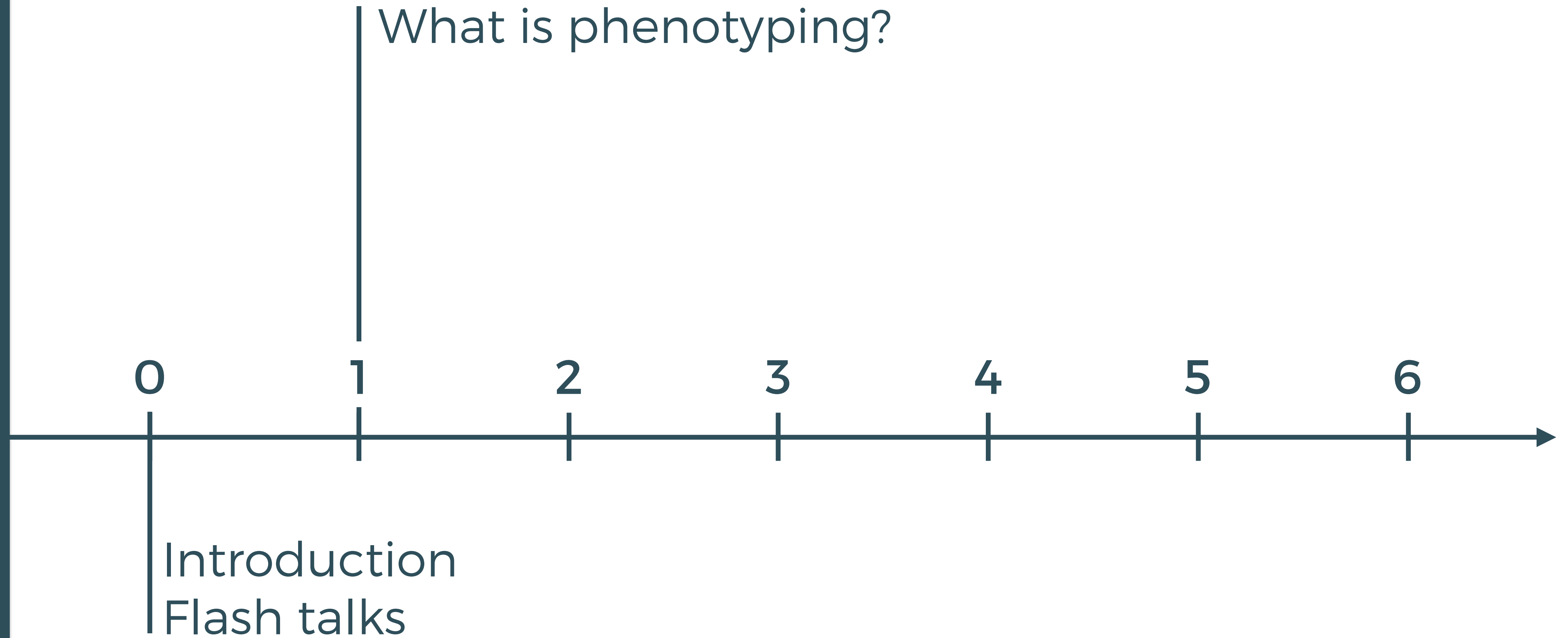


# Week overview

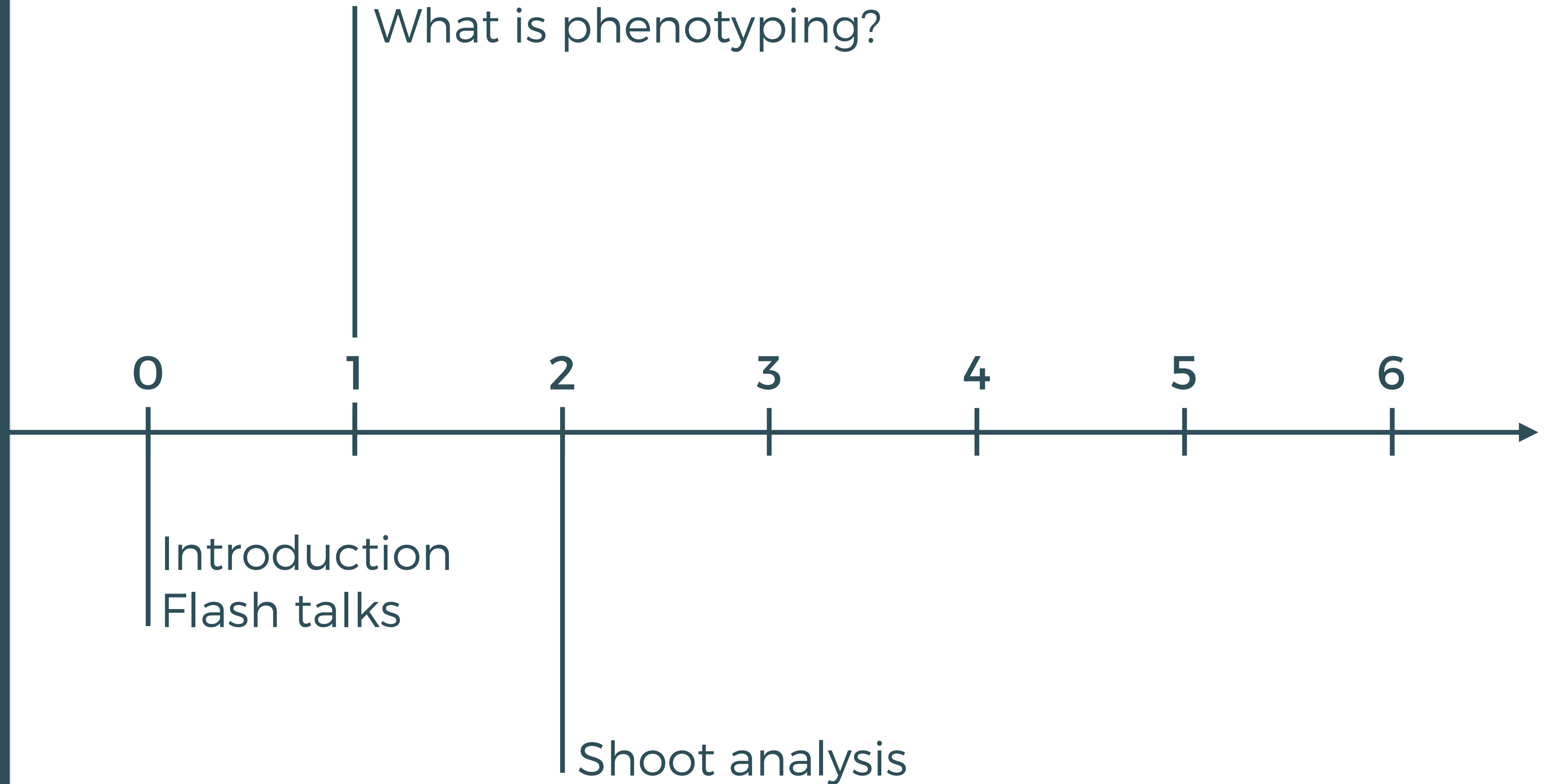




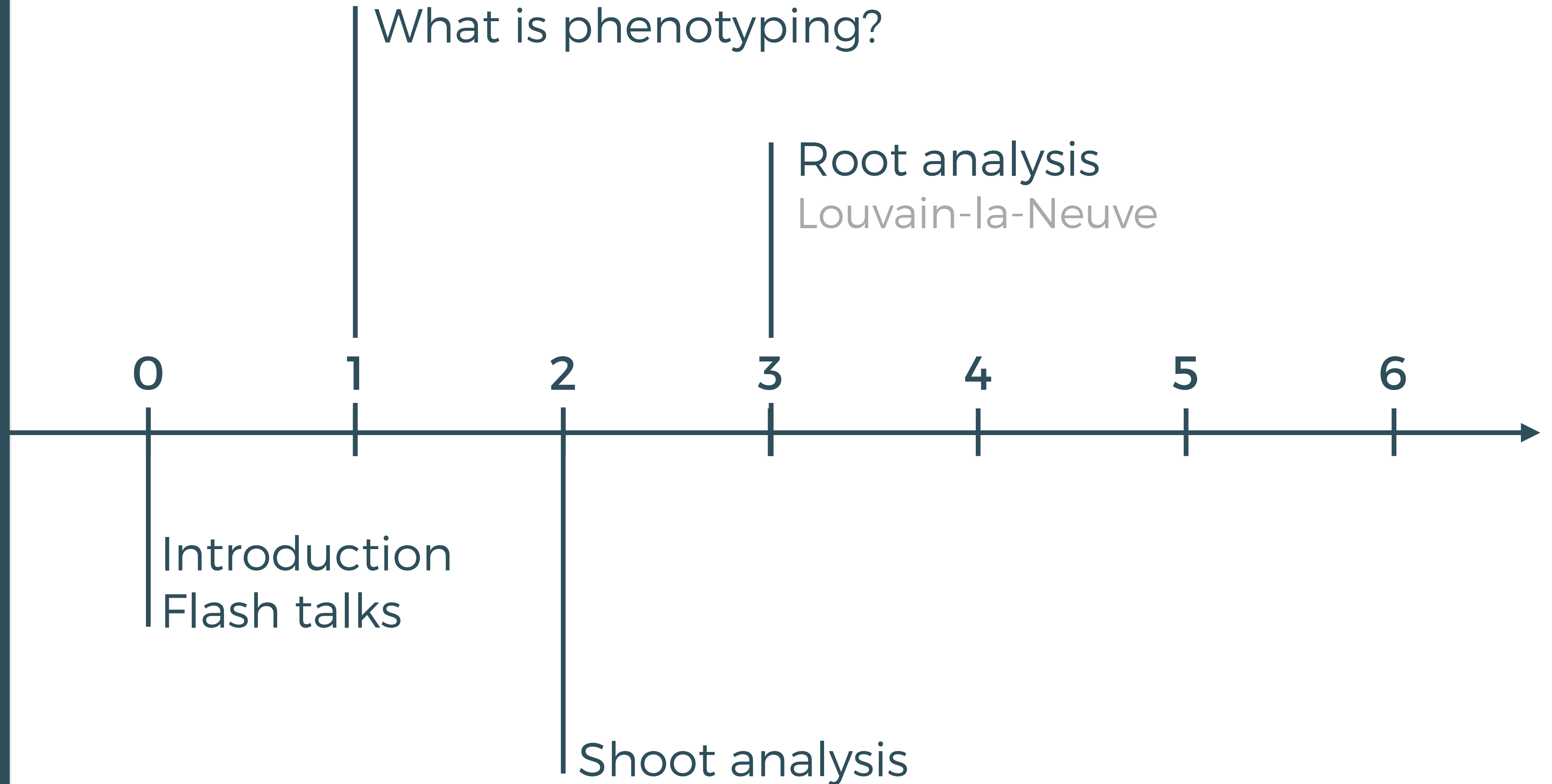
# Week overview



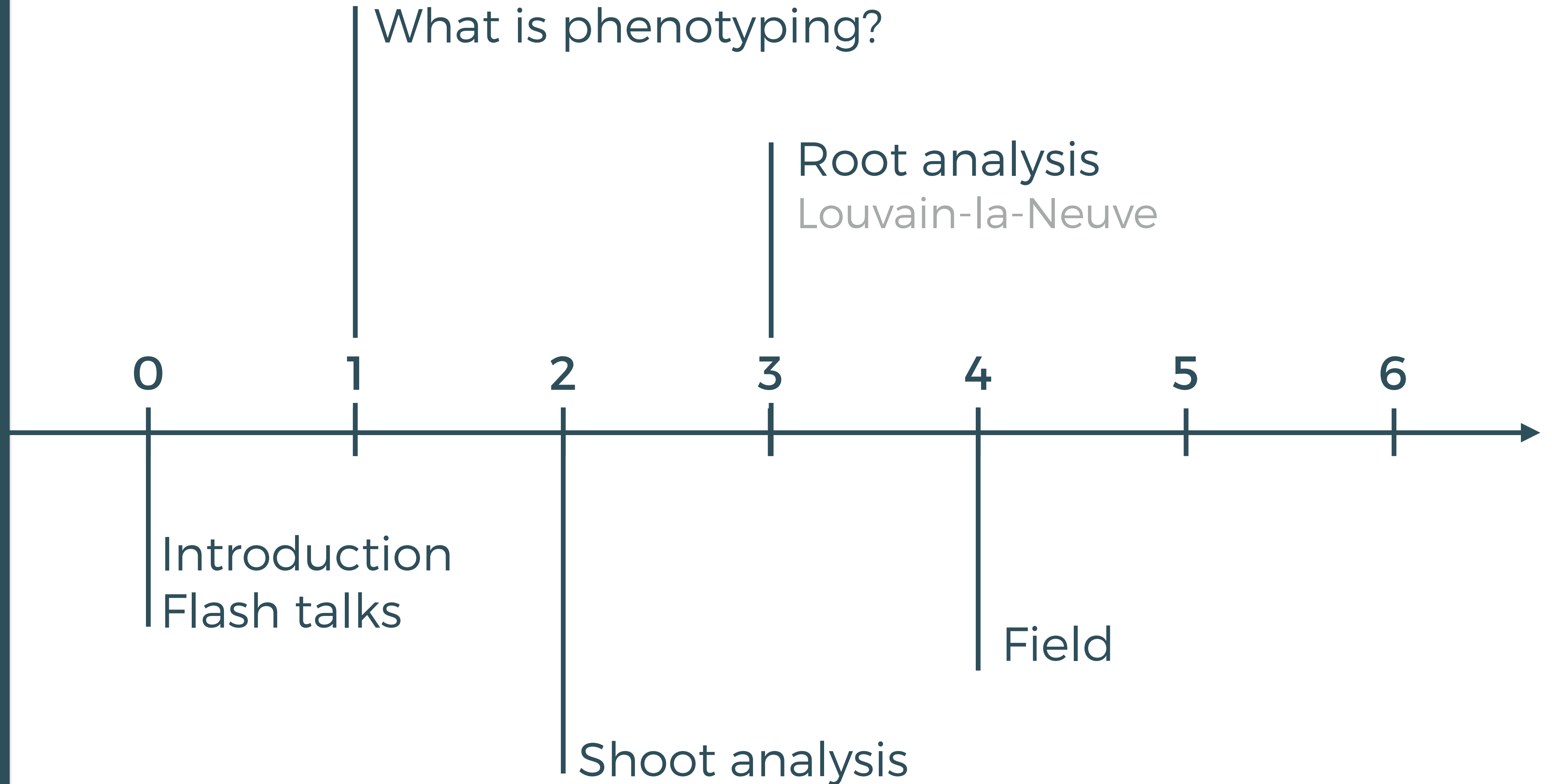
# Week overview



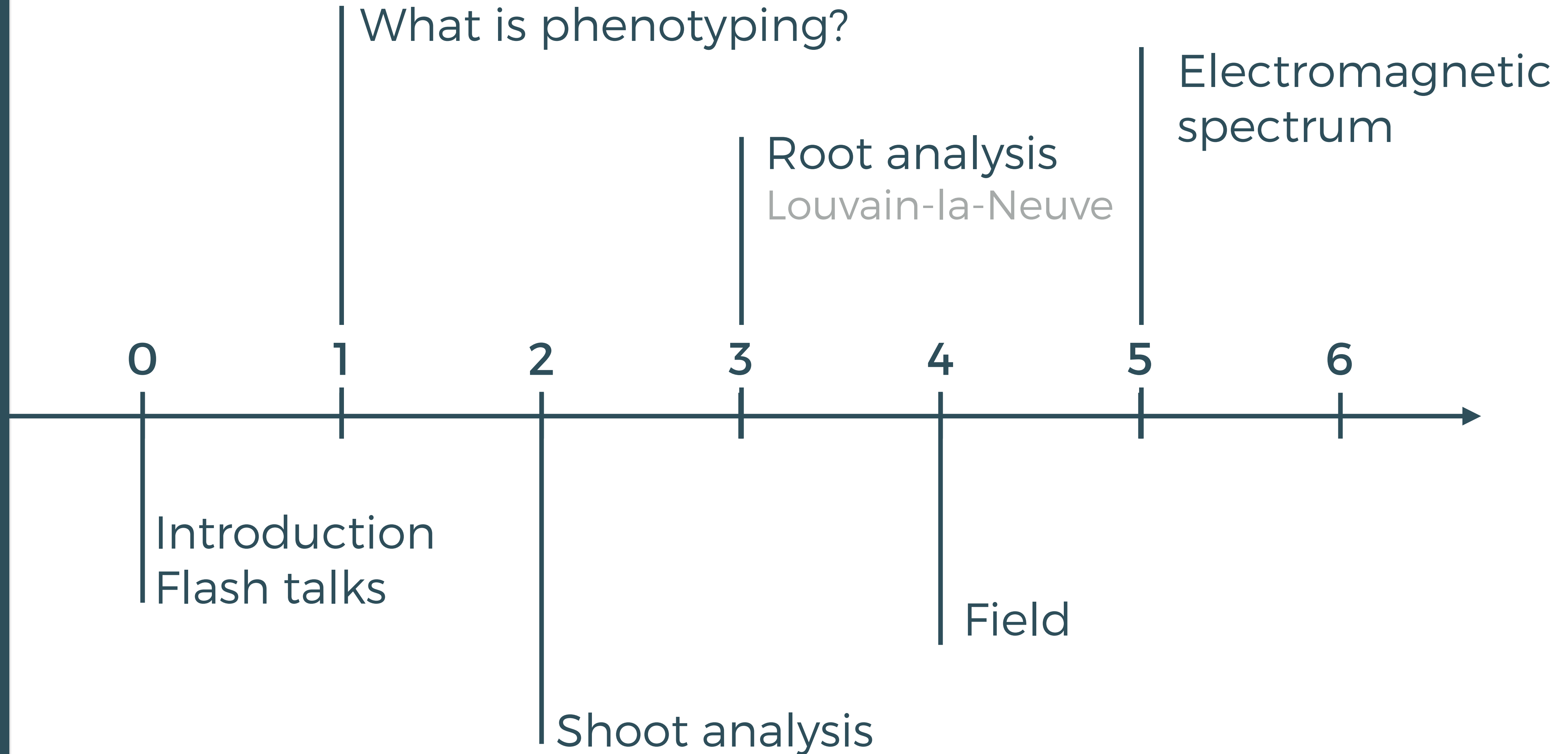
# Week overview



# Week overview

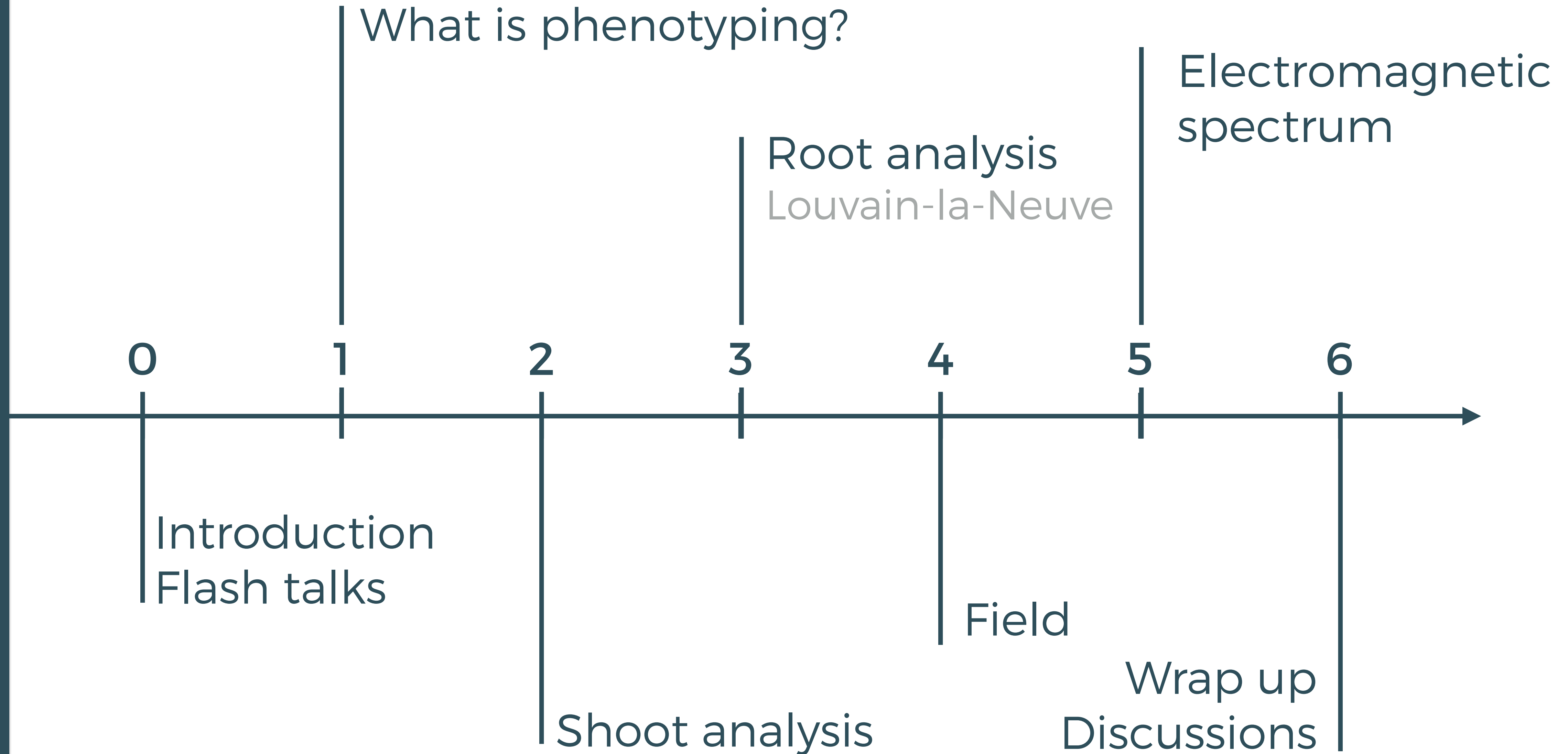


# Week overview





# Week overview



## Biological question

Biological question

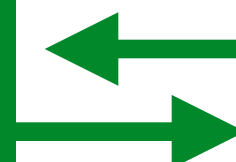


*“Thinking about your biological object as a system brings scientific knowledge inside the phenotyping process.”*

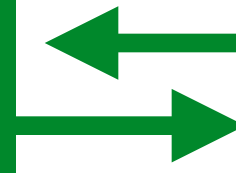
Xavier Draye

**Biological question**

**Knowledge about the  
plant**



Biological question



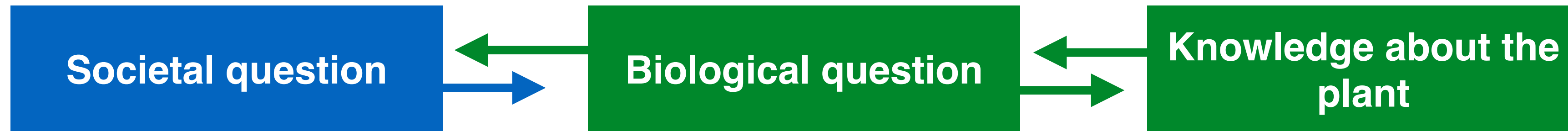
Knowledge about the  
plant



*“If you increase the men’s income,  
they will go drink beers”*

Jonathan Lynch





Societal question

Biological question

Knowledge about the  
plant



*“Do not let crop people bully you  
about controlled conditions”* Mark Tester

Societal question

Biological question

Knowledge about the  
plant



***“Do not let crop people bully you  
about controlled conditions”*** Mark Tester



***“If you want to understand what is happening  
molecularly, you have to look where things are  
happening.”*** Dirk Inzé

Societal question

Biological question

Knowledge about the  
plant



***“Do not let crop people bully you  
about controlled conditions”*** Mark Tester



***“If you want to understand what is happening  
molecularly, you have to look where things are  
happening.”*** Dirk Inzé



***“You adapt the phenotyping to the  
process you are studying”*** Nathalie Gonzalez



Societal question

Biological question

Knowledge about the  
plant



***“Do not let crop people bully you  
about controlled conditions”*** Mark Tester



***“If you want to understand what is happening  
molecularly, you have to look where things are  
happening.”*** Dirk Inzé



***“You adapt the phenotyping to the  
process you are studying”*** Nathalie Gonzalez



***“Kinematic analysis is maybe more laborious and less  
glorious, but can help in your analysis”*** Gerrit Beemster





***“Rough and dirty field techniques can be used  
for gene discovery”***

Jonathan Lynch



***“Do not let crop people bully you  
about controlled conditions”***

Mark Tester



***“If you want to understand what is happening  
molecularly, you have to look where things are  
happening.”***

Dirk Inzé



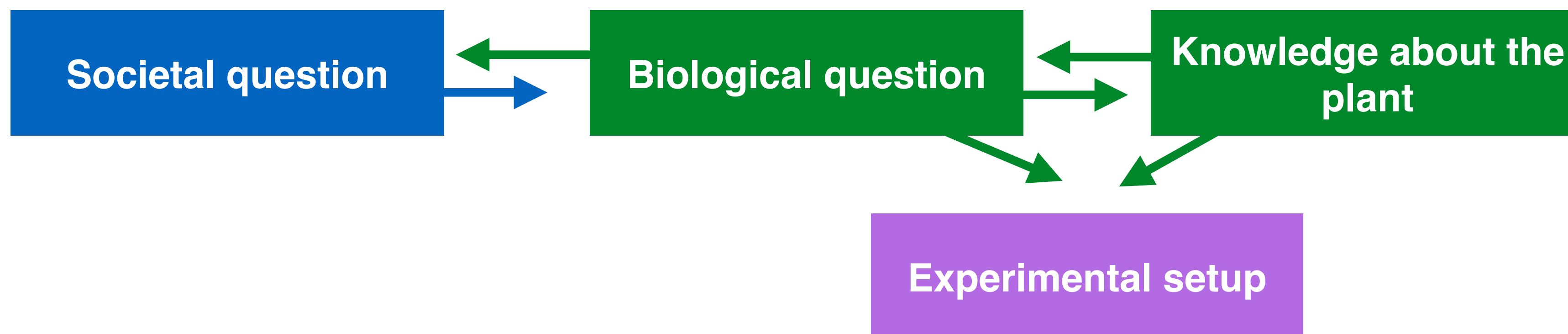
***“You adapt the phenotyping to the  
process you are studying”***

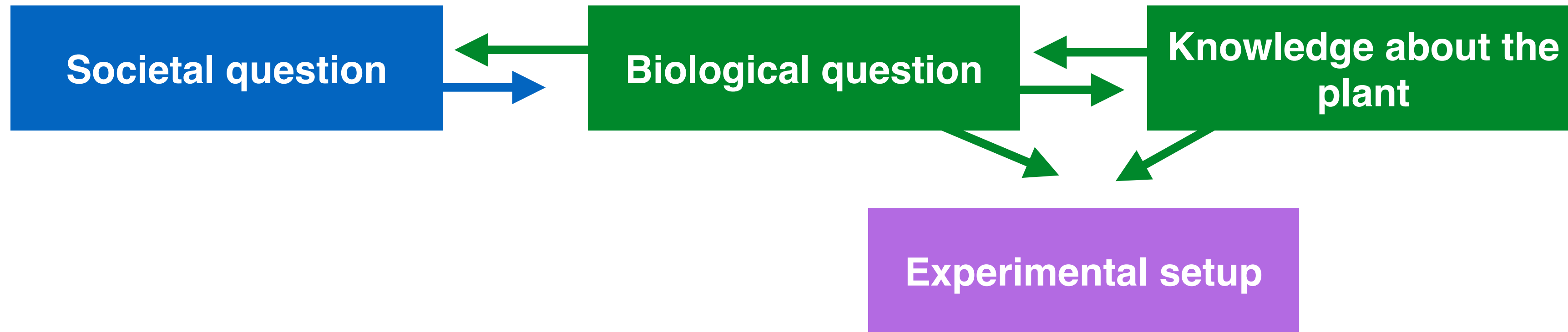
Nathalie Gonzalez



***“Kinematic analysis is maybe more laborious and less  
glorious, but can help in your analysis”***

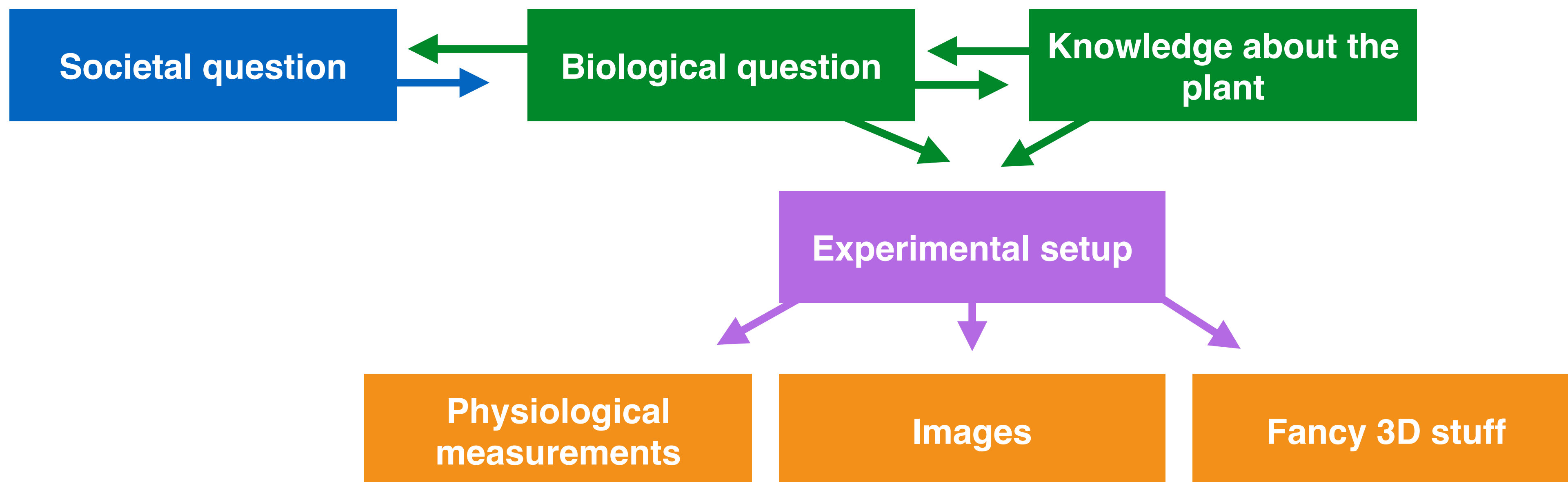
Gerrit Beemster



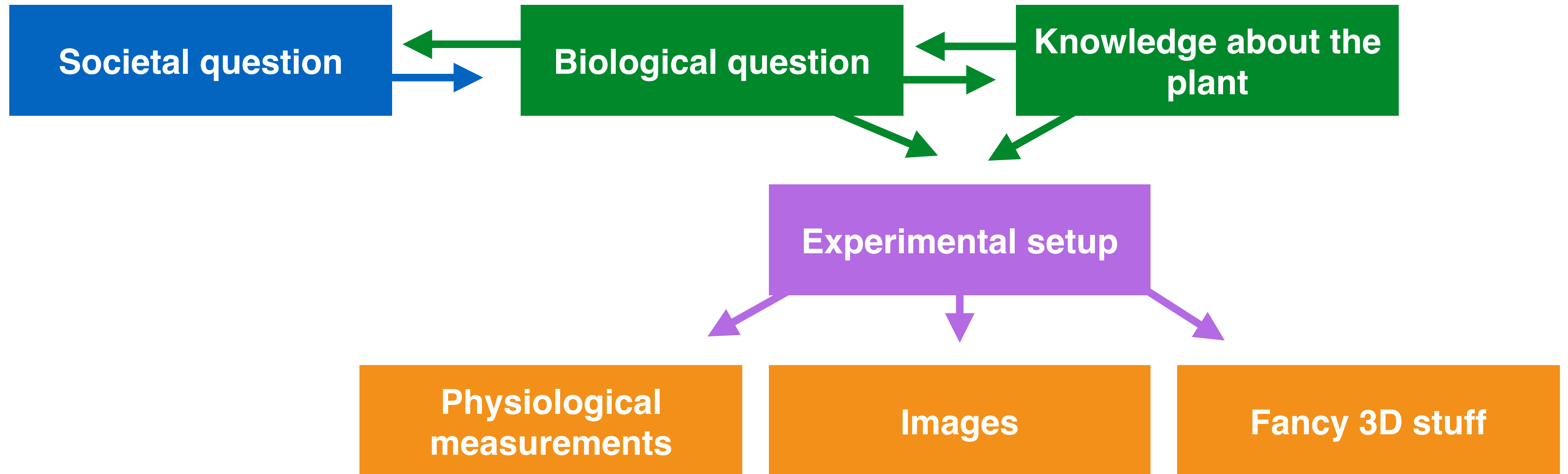


*“Understand the tools you are using.  
Avoid pitfalls”*

Jaume Sans Flexas



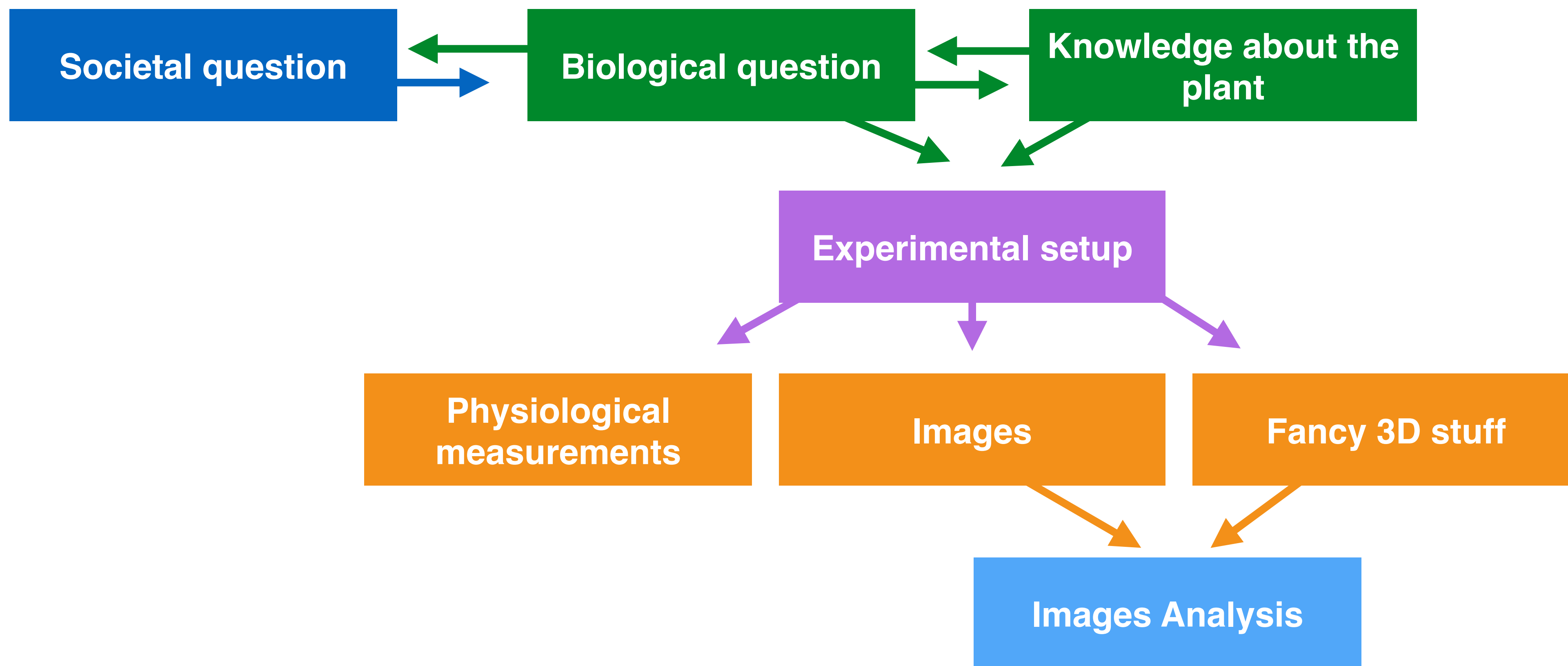


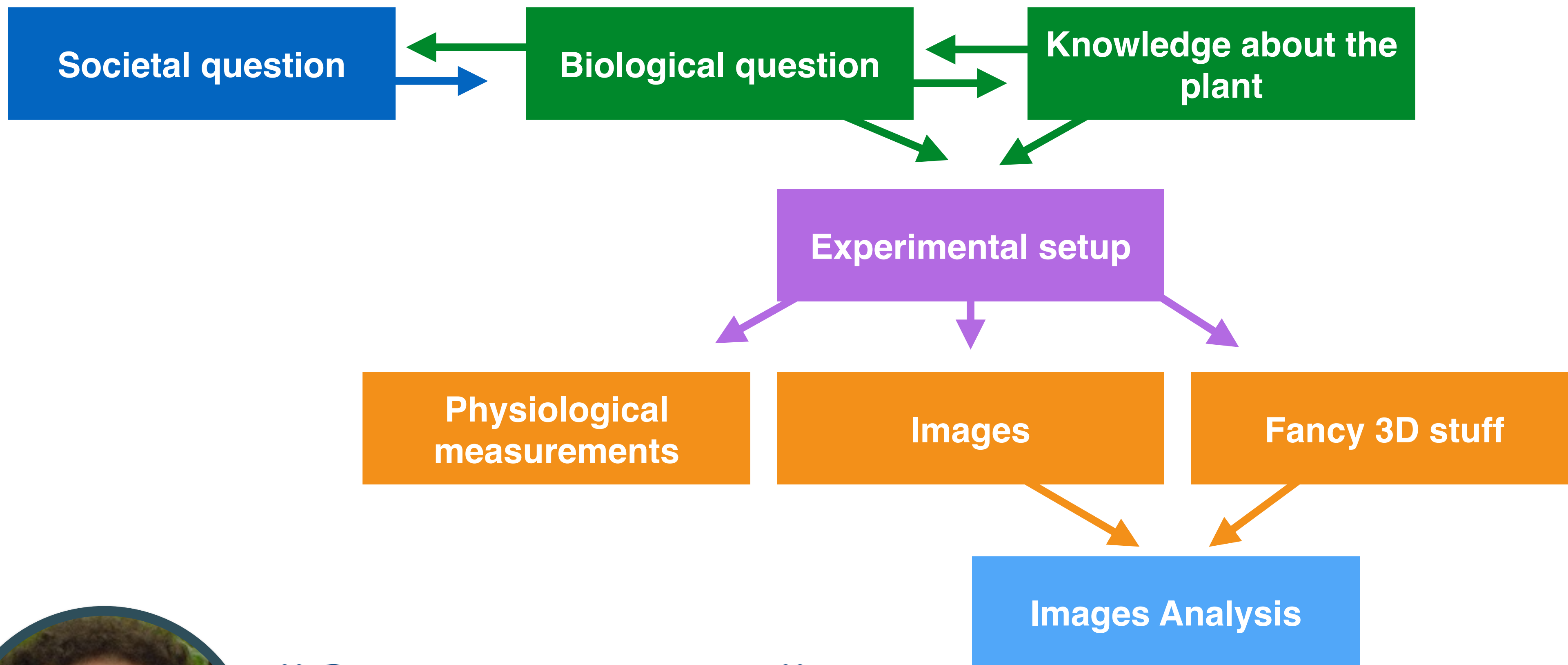


*“For good quality data, it is worth spending  
some time analysing your images”*

Anna Amtmann

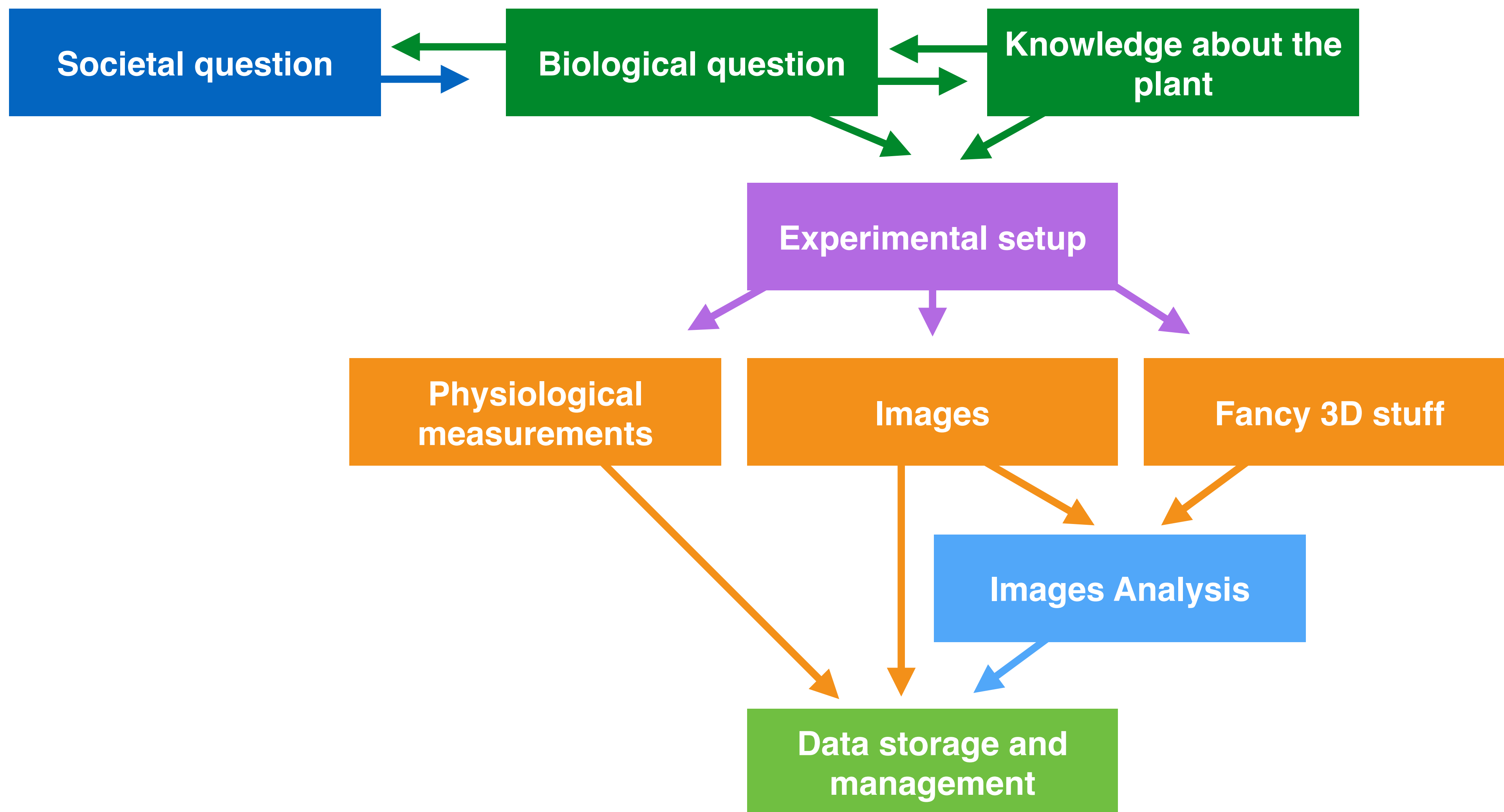






*“Dogs can be horses”*

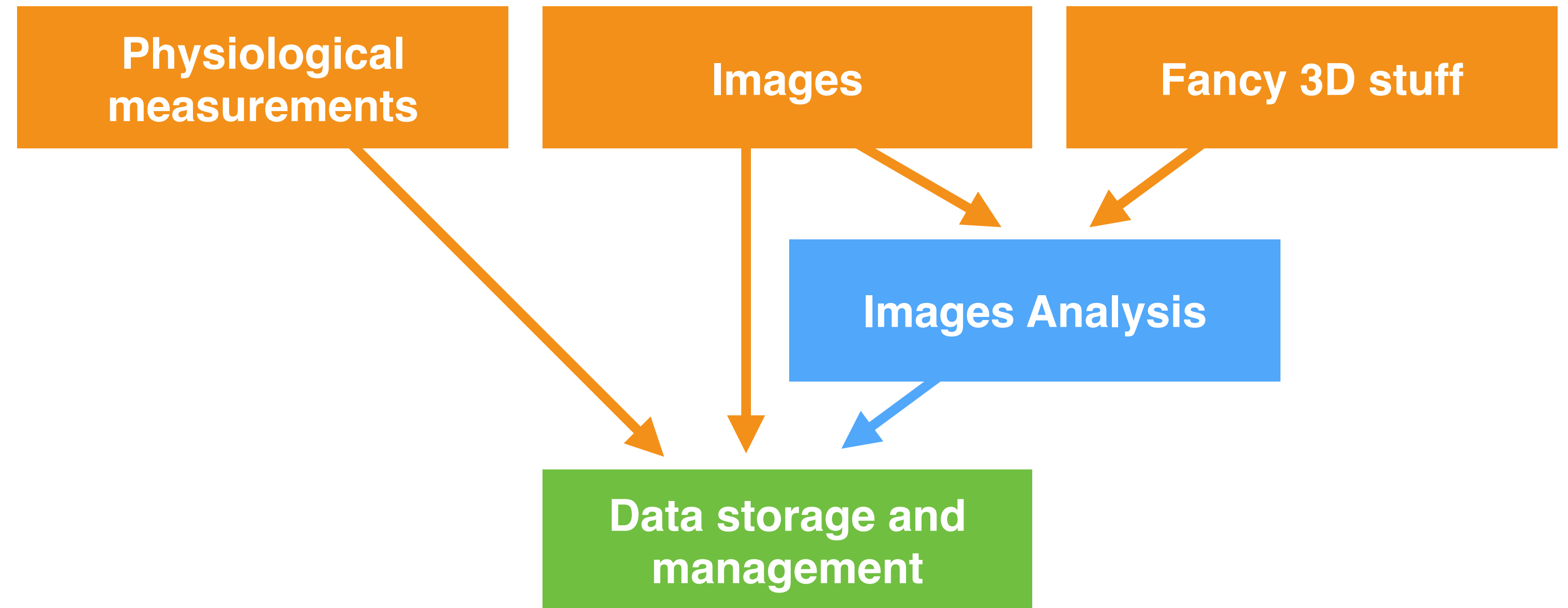
Bjorn Usadel

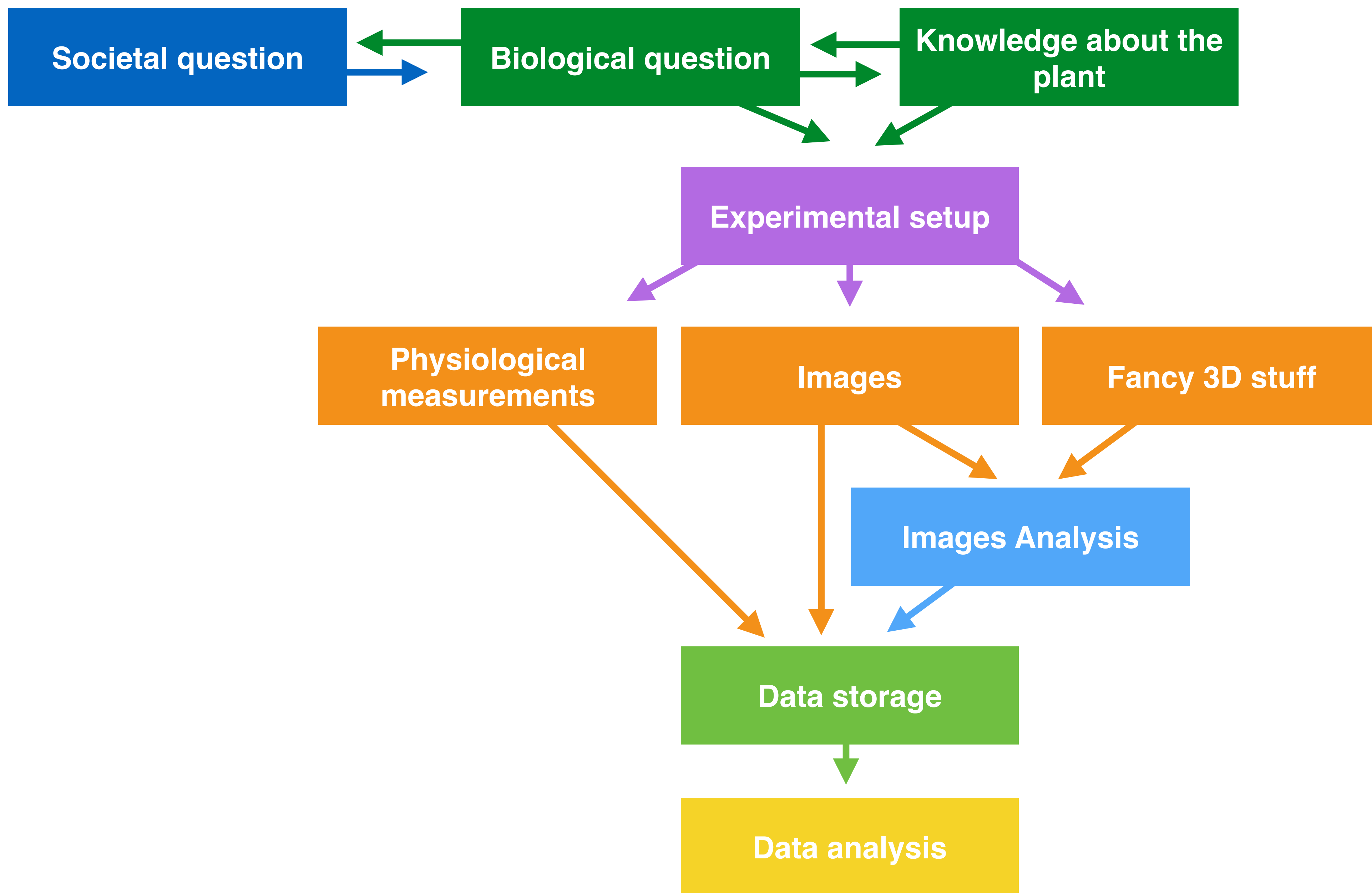




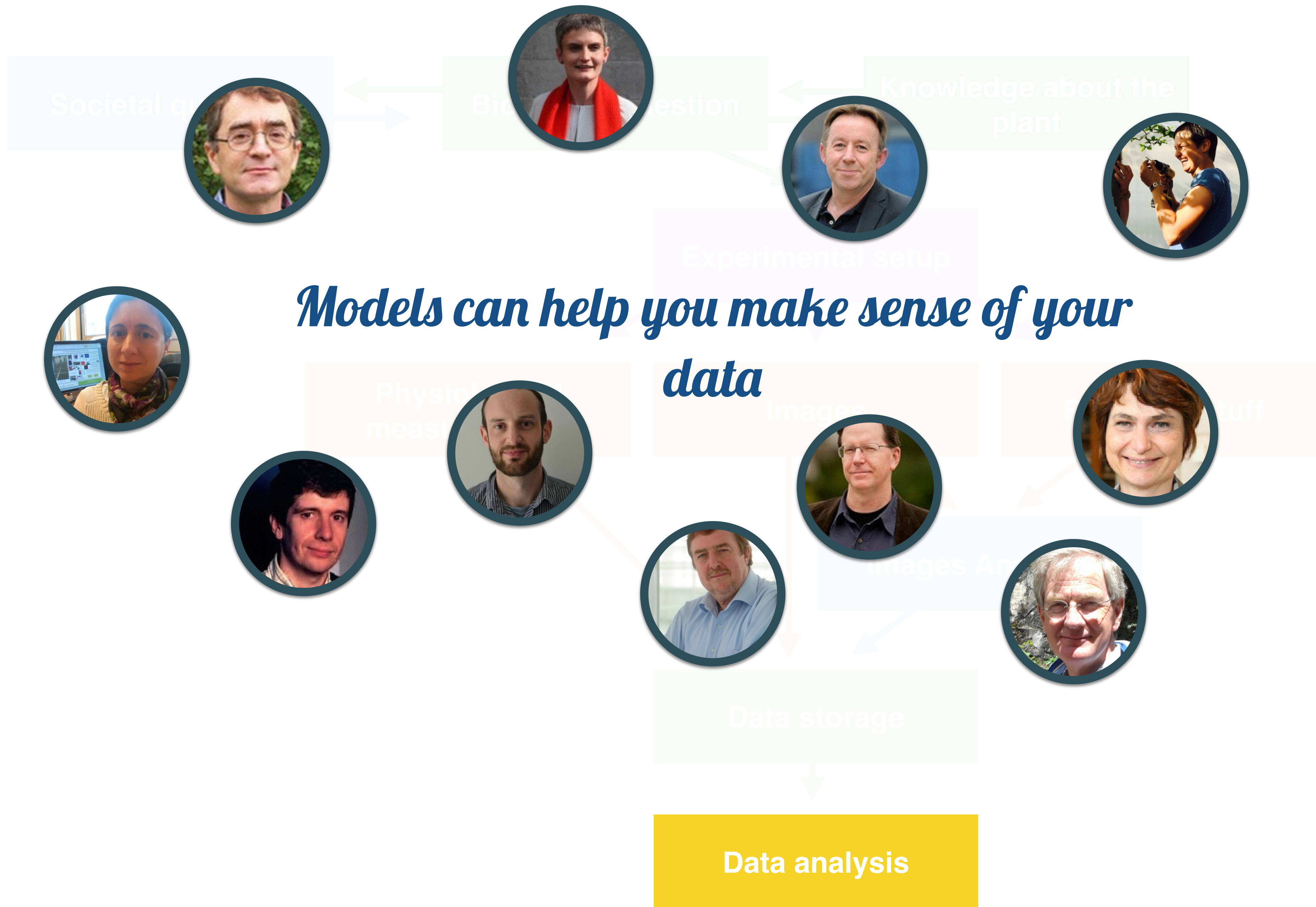
*“You can go as fine as you want with the phenotyping, in the end the power of the analysis tools defines what you will find”*

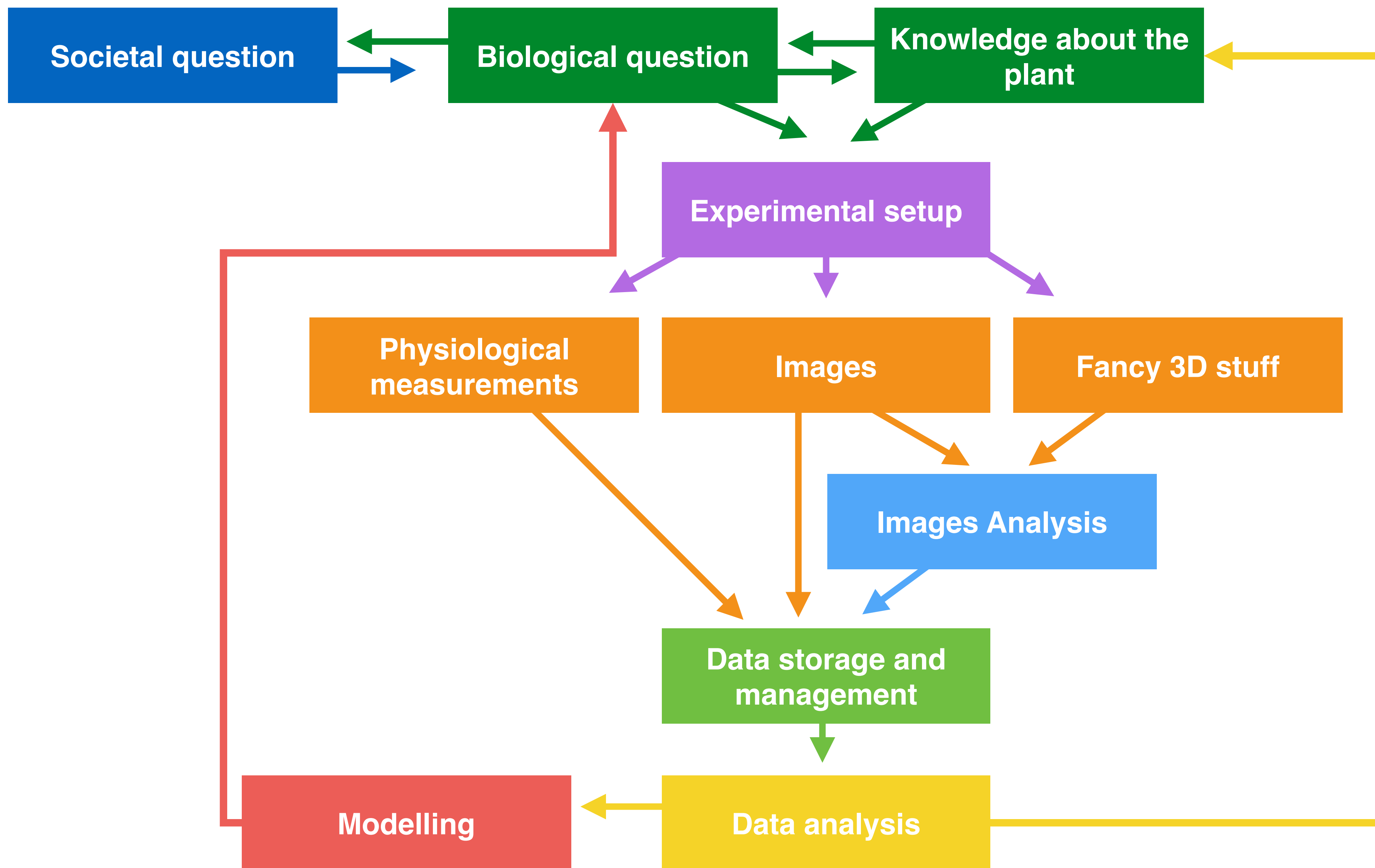
Experimental set-up Hilde Nelissen













***“The best way to learn how to do  
phenotyping is to start doing it”***

Korneel Vandenbroucke

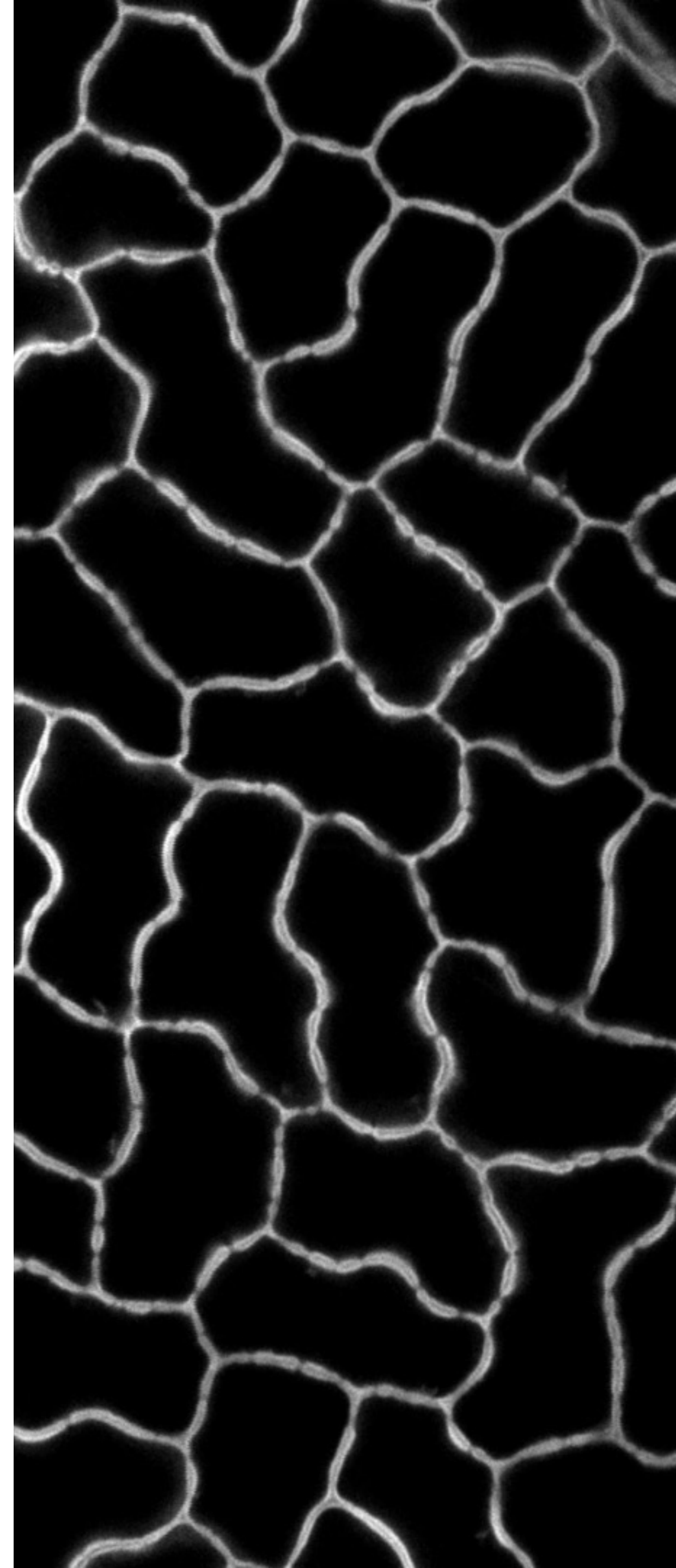




# Live discussion



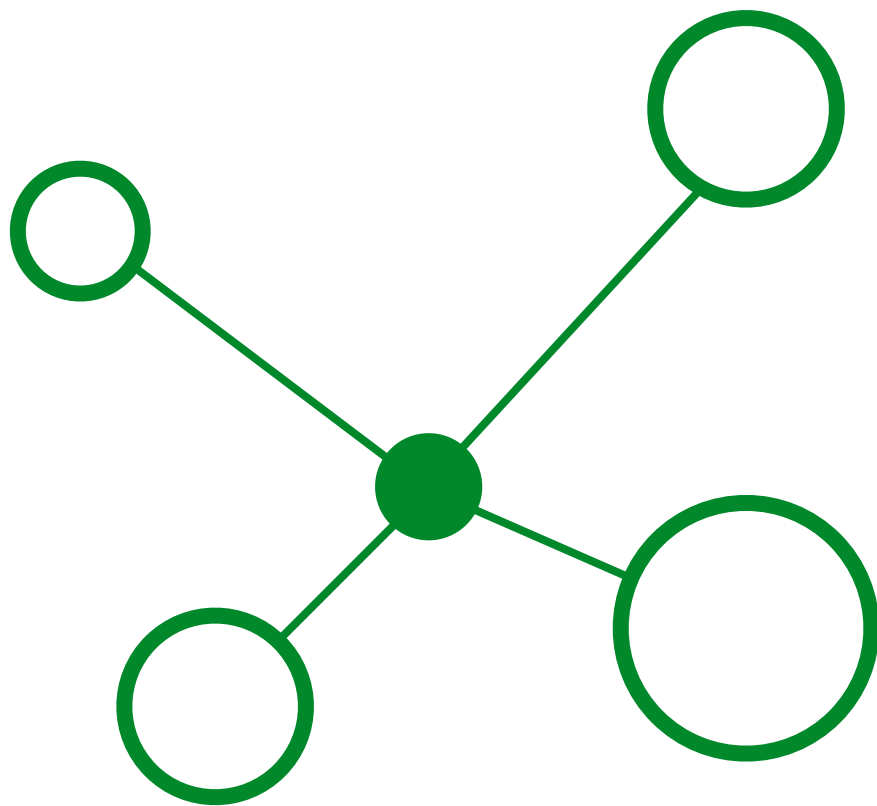
Great panel of speakers



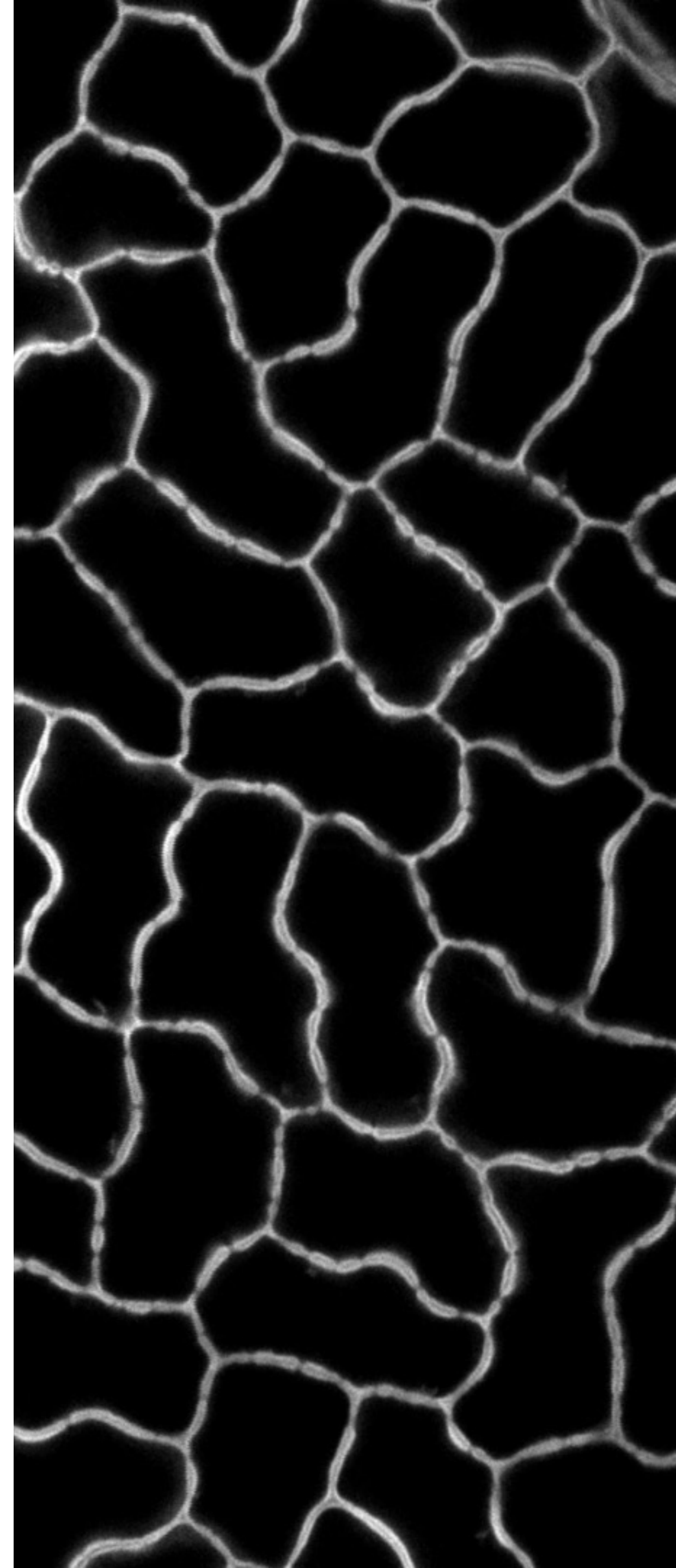
# Live discussion



Great panel of speakers



**INTERACT!**





# Online discussion



#EMBOplantphenotyping



bit.ly/embo-phenotyping

<http://www.iplantcollaborative.org/>

<http://www.plant-phenotyping-network.eu/>

<http://www.plantontology.org/>

<http://www.plant-image-analysis.org/>

