Before we start...

1. Think of a quick, interesting fact. Can be about yourself, maths etc.

2. Ensure you are in pairs, there is a small amount of audience participation!

How to give (and not give) a good talk

Cameron Smith (Postdoc (Oxford/Bath), SAMBa Cohort 3)

SLS

12/10/23

Outline

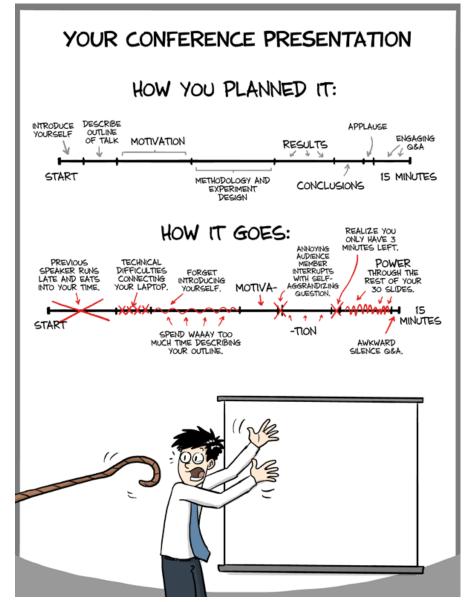
Three stages of a presentation

Preparation

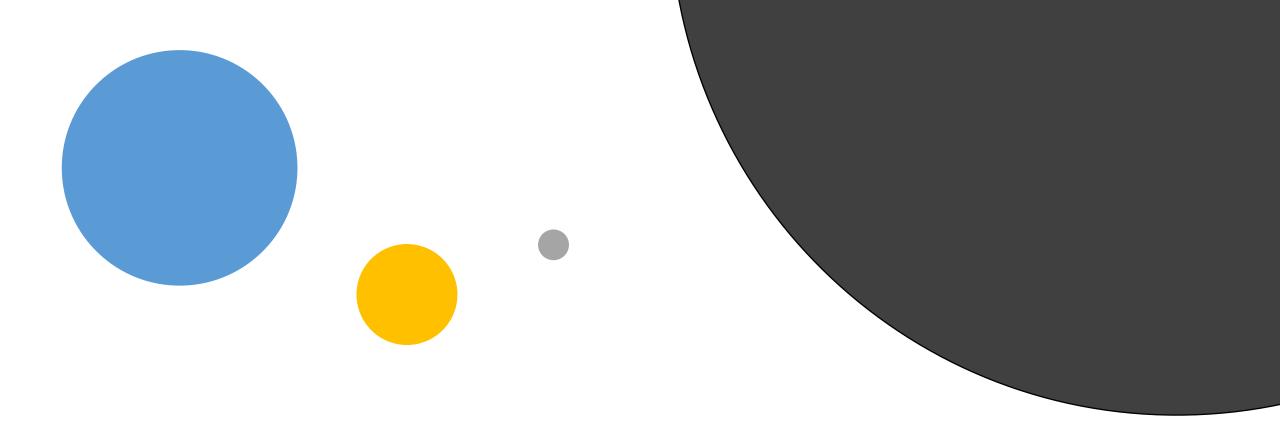
Presenting

Reflection

(Extra tips)



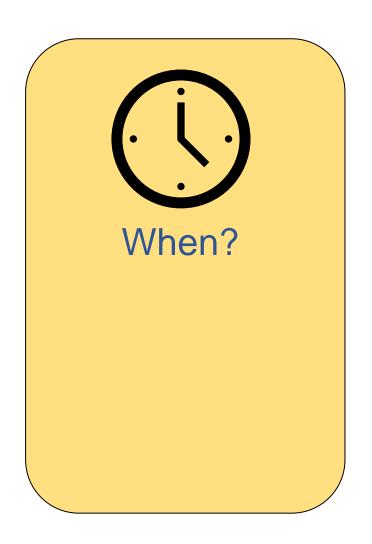
PhD Comics: "How your conference presentation goes"



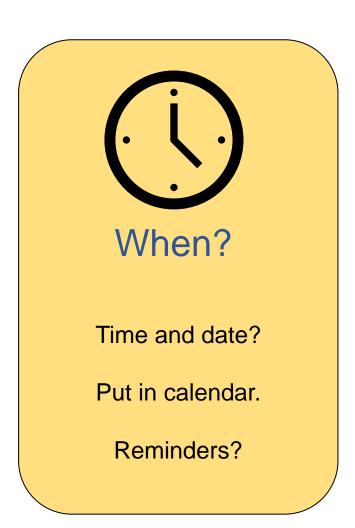


This bit seems a bit obvious but...

This bit seems a bit obvious but...



This bit seems a bit obvious but...



This bit seems a bit obvious but...

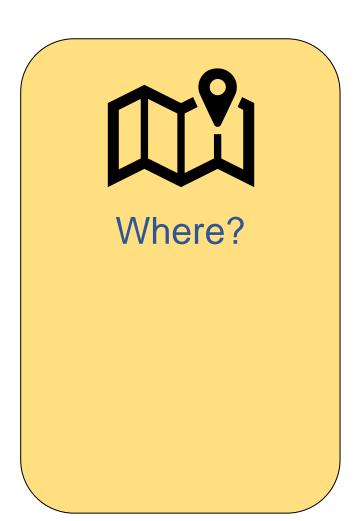


When?

Time and date?

Put in calendar.

Reminders?



This bit seems a bit obvious but...



When?

Time and date?

Put in calendar.

Reminders?



Where?

Online?

In person?

This bit seems a bit obvious but...



When?

Time and date?

Put in calendar.

Reminders?



Where?

Online?

In person?



Facilities?

This bit seems a bit obvious but...



When?

Time and date?

Put in calendar.

Reminders?



Where?

Online?

In person?



Facilities?

Access to computer?

Black/white boards?
(Be careful with this online/hybrid!)



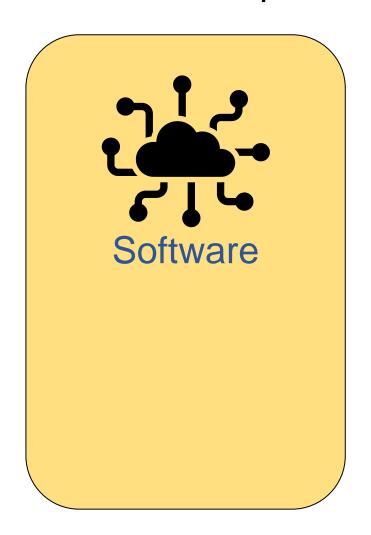


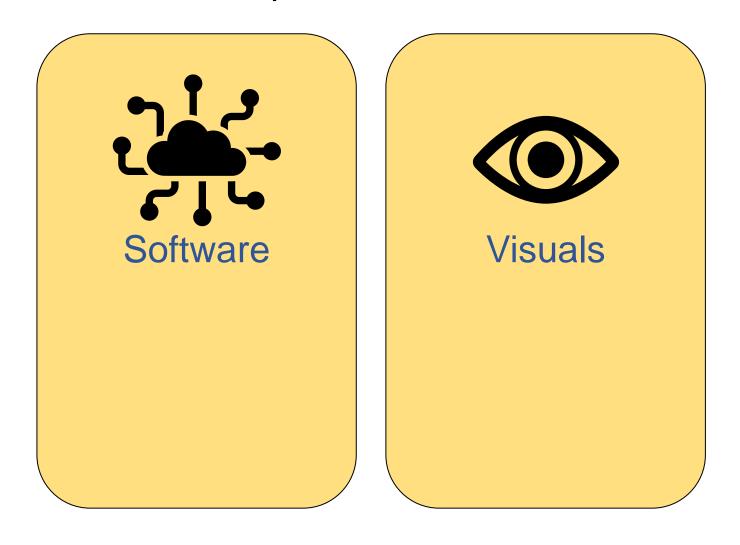


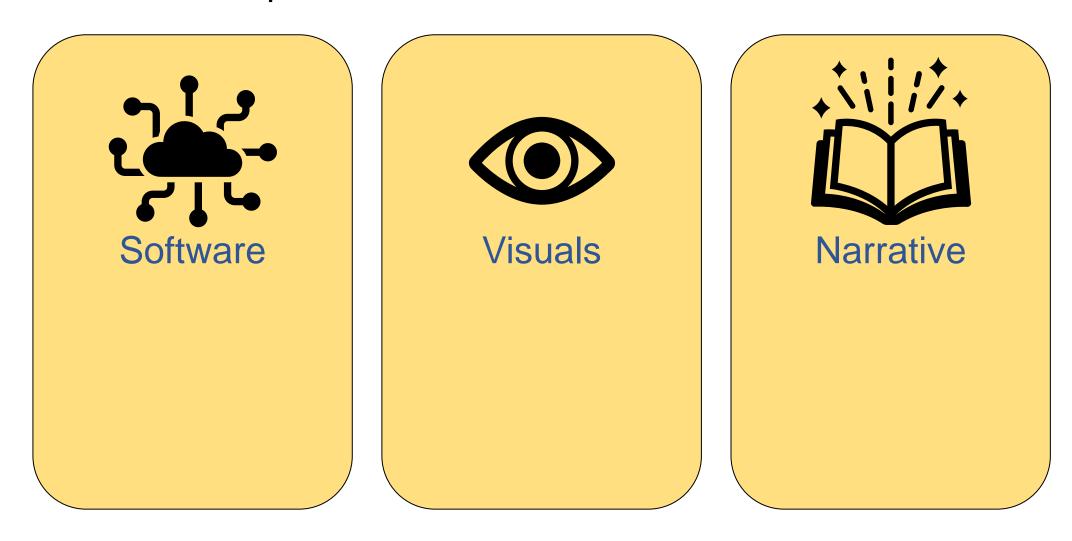








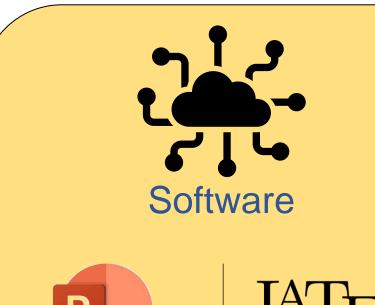


















Videos 🥥







Videos 🥝



Animations **②**







Videos 🥝





Purpose built presentation software 📀









Videos 📀

Animations **②**



Purpose built presentation software 📀



Requires add on for Latex 🗴





Videos 🙋

Animations **②**

Purpose built presentation software 📀

Requires add on for Latex 🗴



Easy maths integration **(2)**



































Videos 🥝



Animations **②**



Purpose built presentation software 📀



Requires add on for Latex 🗴



Easy maths integration **(2)**

"Professional styling"





Videos 🥝



Animations **②**



Purpose built presentation software 📀



Requires add on for Latex 🗴



Easy maths integration **(2)**

"Professional styling"

Images go where they want





Videos 📀



Purpose built presentation software 📀



Requires add on for Latex 🗴



Easy maths integration **(2)**

"Professional styling"

Images go where they want

Less creativity 😵































Videos 📀



Purpose built presentation



Requires add on for Latex 🗴



Easy maths integration **(**

"Professional styling"

Images go where they want

Less creativity **(SQ)**















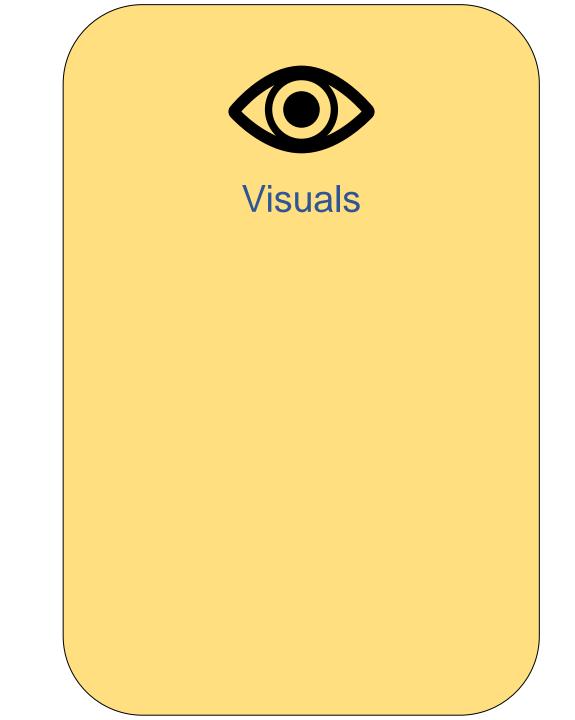












TEX

maths ration

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es go where want

creativity 🥨



Visuals



Colour: Useful for drawing attention, be mindful of colourblindness.



maths

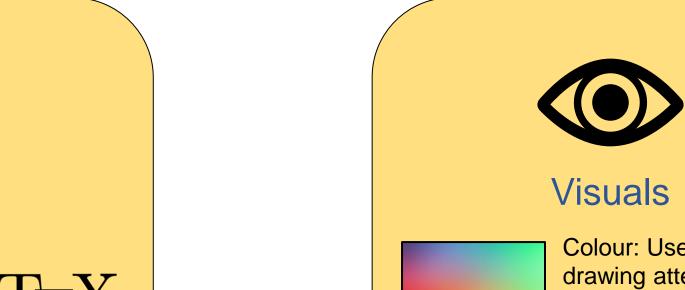


essional g" 🥝

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creativity 🔇





maths

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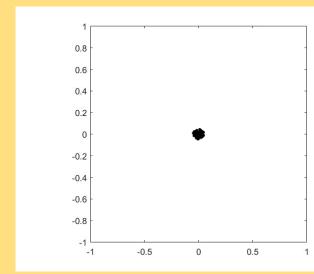
want 🔕

es go where

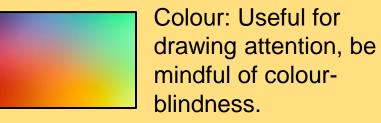
creativity (30)

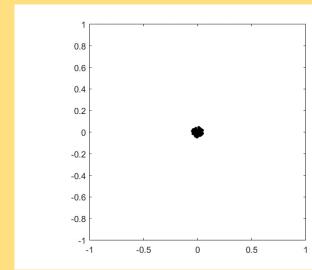
g" 🥝

Colour: Useful for drawing attention, be mindful of colourblindness.











maths



essional g" 🥝

es go where want 🔕

creativity (30)







Colour: Useful for drawing attention, be mindful of colourblindness.



maths



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es go where want 🔕

creativity 🔇







Colour: Useful for drawing attention, be mindful of colourblindness.

Lots of text/equations may switch people off.
Try not to read off a slide unless necessary.







maths



essional g" 🥝

es go where want 🔕

creativity (XO)







Colour: Useful for drawing attention, be mindful of colourblindness.

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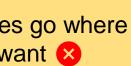
Animation can also draw attention, but can also overload. Useful for "withholding" info.



maths



essional g" 🥝



creativity 🔇







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Animation can also draw attention, but can also overload. Useful for "withholding" info.



maths



essional g" 🥝

es go where want 🚫







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Animation can also draw attention, but can also overload. Useful for "withholding" info.

"IS THIS NECESSARY?"



maths



essional g" 🥝

es go where

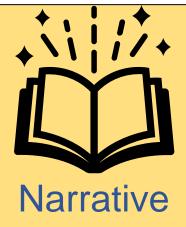


creativity (XO)



can also draw out can also Jseful for g" info.

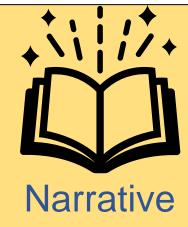
SARY?"





can also draw ut can also Iseful for g" info.

SARY?"





What is the objective of the talk? What should audience take away?



can also draw ut can also Jseful for g" info.

SARY?"







What is the objective of the talk? What should audience take away?



Rule of 3:

Tell them what you're going to tell them; tell them; tell them what you've told them.



can also draw ut can also Jseful for g" info.

SARY?"





What is the objective of the talk? What should audience take away?





Rule of 3:

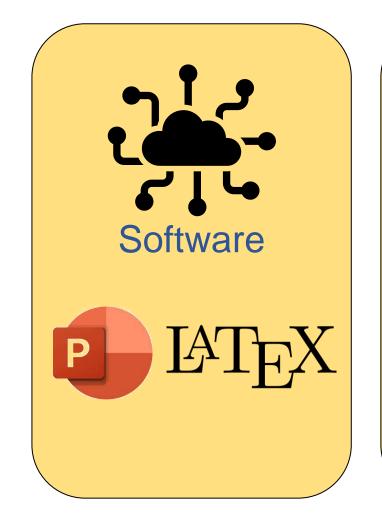
Tell them what you're going to tell them; tell them; tell them what you've told them.

Highlighting:

Highlight key points on slides if necessary. Reminds audience and yourself.

Preparation: presentation

There are lots of aspects to consider here.







Aside: figures

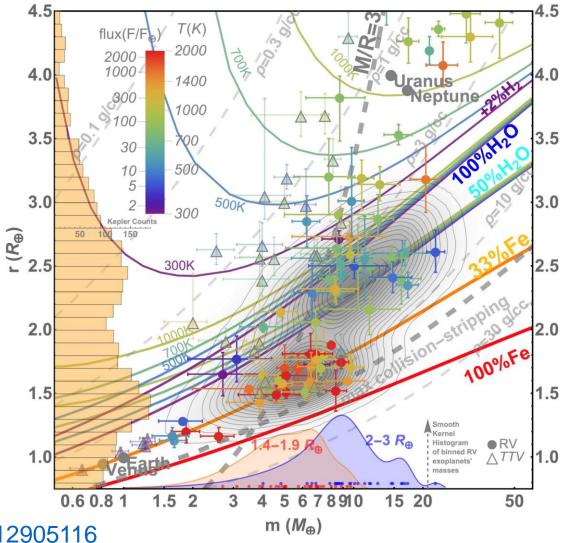
Aside: figures

The following is a figure from "Growth model interpretation of planet size distribution":

Aside: figures

The following is a figure from "Growth model interpretation of planet size

distribution":

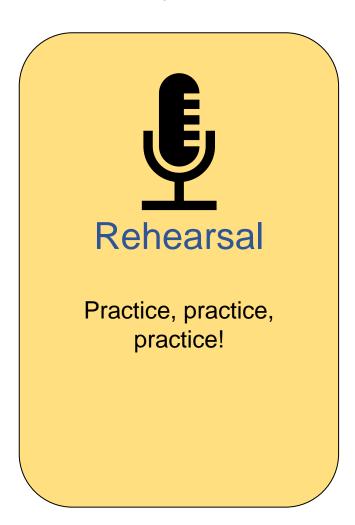


You've prepared your talk. What should you do next?

You've prepared your talk. What should you do next?



You've prepared your talk. What should you do next?



You've prepared your talk. What should you do next?



Practice, practice, practice!

Do as much as **you** think is necessary.

You've prepared your talk. What should you do next?



Practice, practice, practice!

Do as much as **you** think is necessary.

Find **your** style.

You've prepared your talk. What should you do next?



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You've prepared your talk. What should you do next?



Practice, practice, practice!

Do as much as **you** think is necessary.

Find **your** style.



Ensure you have water/drink.

You've prepared your talk. What should you do next?



Practice, practice, practice!

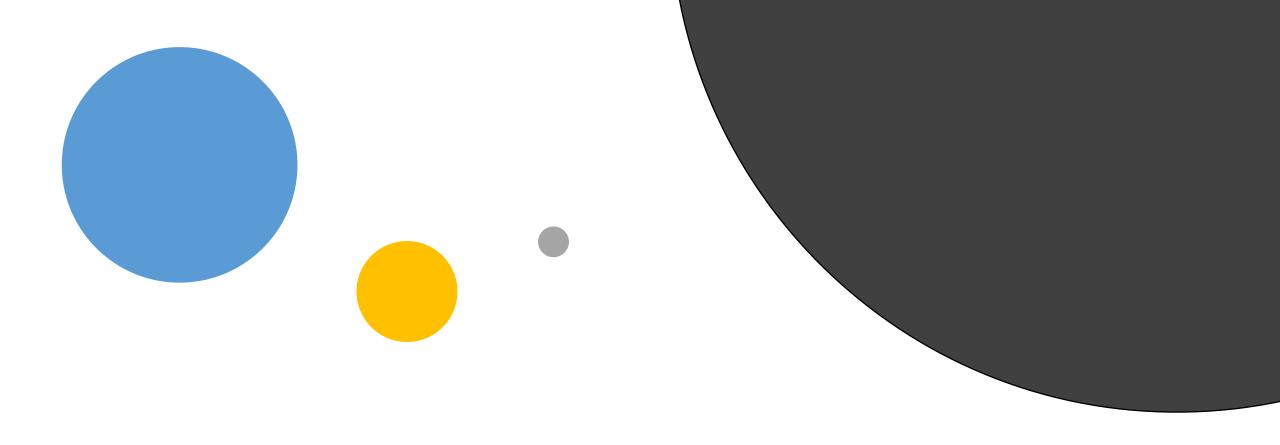
Do as much as **you** think is necessary.

Find **your** style.



Ensure you have water/drink.

If possible, use your voice/move jaw before hand.























INSTRUCTION 1

Say your fact as if you are bored.













INSTRUCTION 1

Say your fact as if you are bored.













INSTRUCTION 2

Say your fact as if it is the most exciting fact and one that everyone should know.













INSTRUCTION 2

Say your fact as if it is the most exciting fact and one that everyone should know.









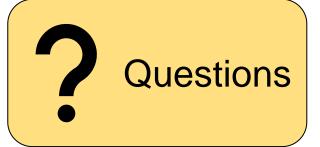












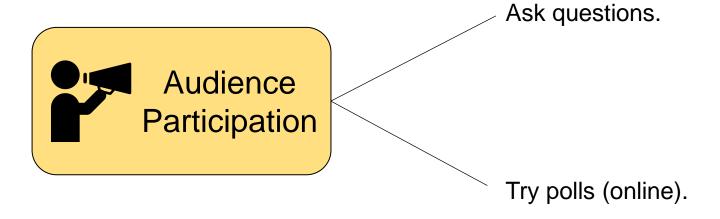


Ask questions.





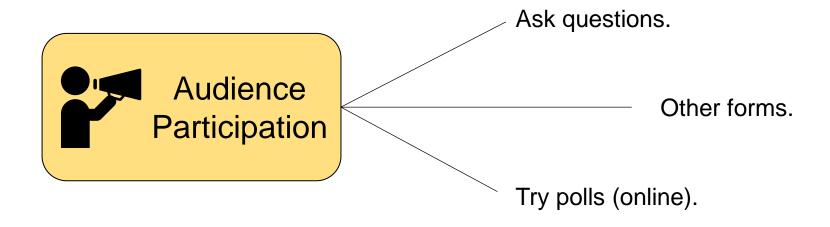






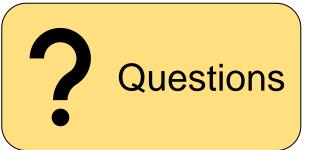


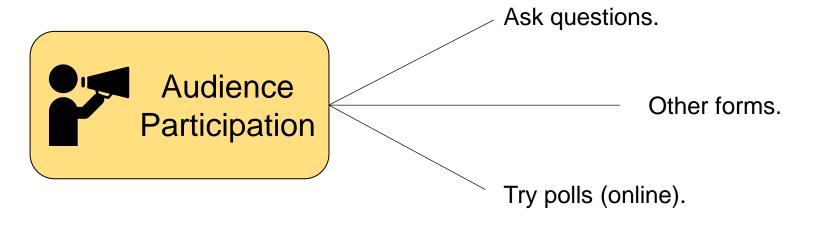


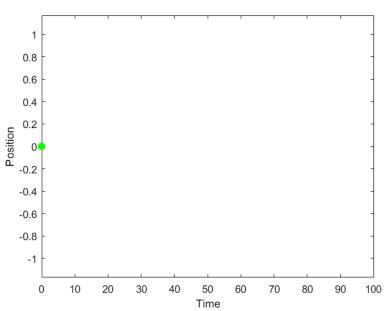






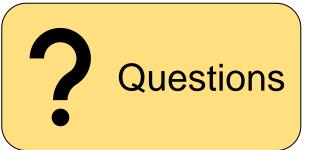


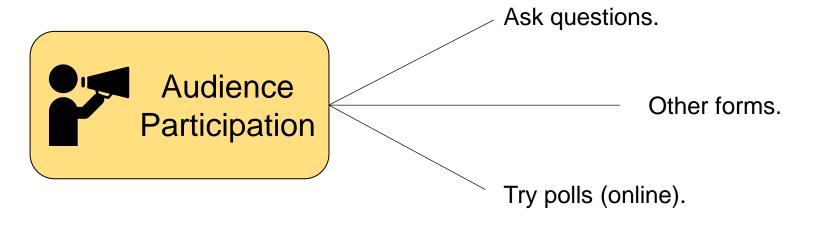


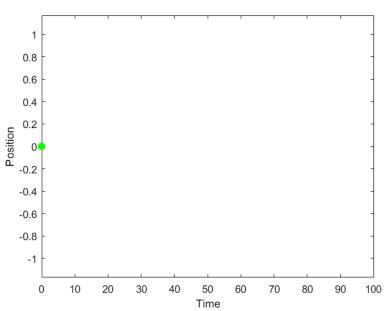


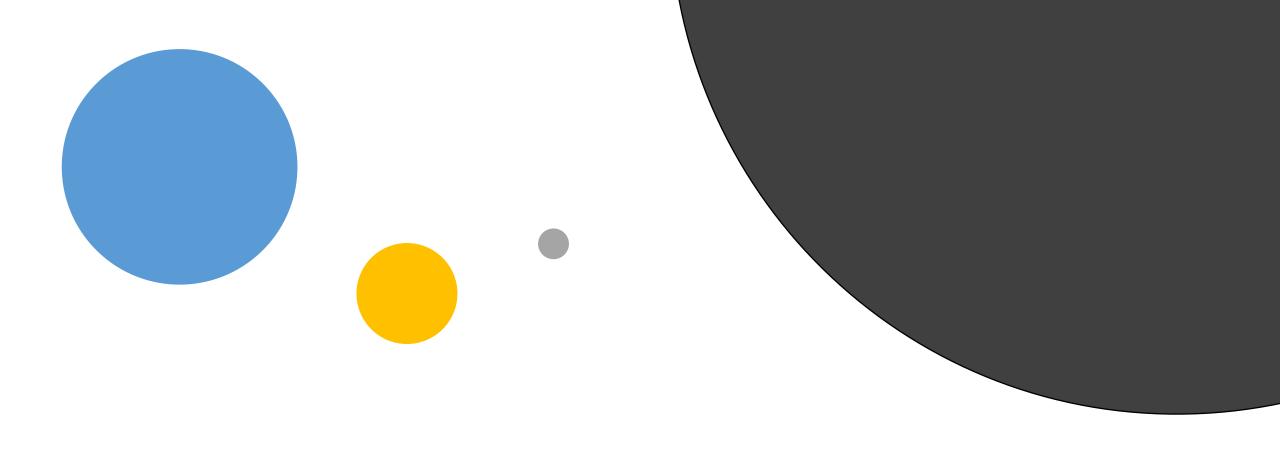














How did it go?

How did it go?

How did the slides work?

Can they be improved?

How did it go?

How did the slides work?

Can they be improved?

Did you keep to time?

Need to add or remove parts?

How did it go?

How did the slides work?

Can they be improved?

Did you keep to time?

Need to add or remove parts?

Did you get any interesting questions?

Follow up.

How did it go?

How did the slides work?

Can they be improved?

Did you keep to time?

Need to add or remove parts?

Did you get any interesting questions?

Follow up.

If you can, ask others how they felt the talk went.



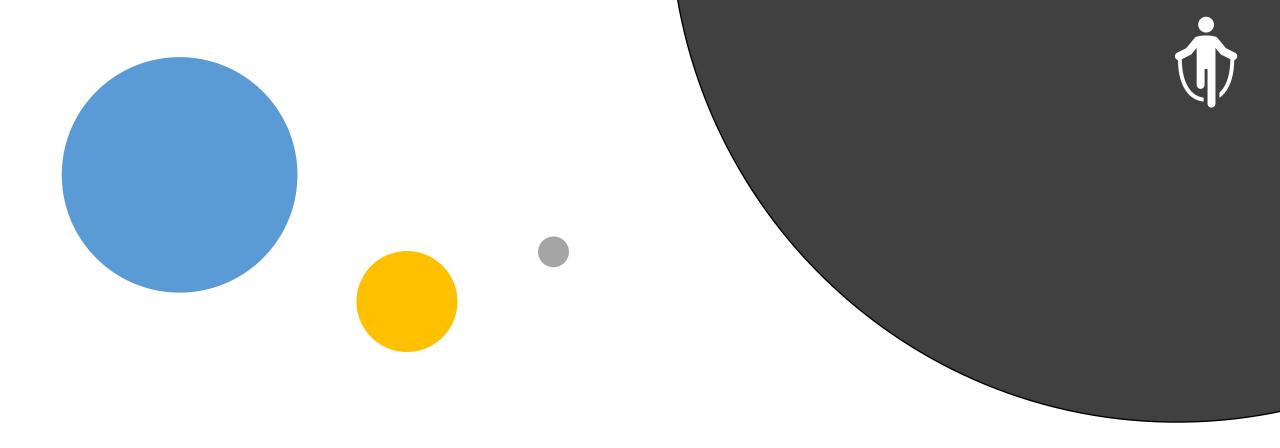








Ensure you know where slides are stored!





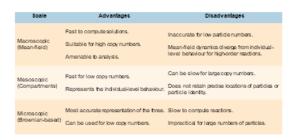


Conclusions slide

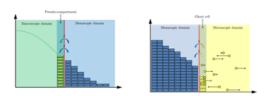
Conclusions

Conclusion slide

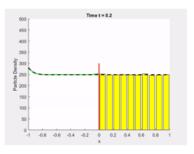
Reaction-diffusion systems have many representations – each with associated advantages and disadvantages.



Spatially extended hybrid methods try to complement the strengths and negate the weaknesses of these representations.



The ARM is a new macroscopic-to-microscopic method for simulating reaction-diffusion systems.



Conclusions slide

Conclusions

Reaction-diffusion systems have many representations – each with associated advantages and disadvantages.

The Section Control of the Section Sec

Spatially extended hybrid methods try to complement the strengths and negate the weaknesses of these representations.





The ARM is a new macroscopic-to-microscopic method for simulating reaction-diffusion systems.



/07/2018

The auxiliary region method - Cameron Smith

Conclusions slide

Conclusions

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References slide

The auxiliary region method - Cameron Smith

Conclusic slide

Conclusions

Reaction-diffusion systems have many representations – each with associated advantages and disadvantages.



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6/07/2018

The auxiliary region method - Cameron Smith

References

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- Erban R. and Chapman S.J., Stochastic modelling of reaction-diffusion processes: algorithms for bimolecular reactions, Phys. Biol., 2009.
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Conclusions slide

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The auxiliary region method - Cameron Smith

26/07/2018

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Conclusions slide

Conclusions

The auxiliary region method - Cameron Smith

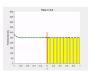
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Final slide

26/07/2018

The auxiliary region method - Cameron Smith

Conclusion slide

Acknowledgements

I am supported by a scholarship from the EPSRC Centre for Doctoral Training in Statistical Applied Mathematics at Bath (SAMBa), under the project EP/L015684/1.







nal slide

Conclusions

Reaction-diffusion systems have many representations - each with associated advantages and disadvantages.



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The ARM is a new macroscopic-to-microscopic method for simulating reaction-diffusion systems.

The auxiliary region method - Cameron Smith



This is joint work with Dr. Christian (Kit) Yates, Senior Lecturer in the Department of Mathematical Sciences at the University of Bath.

Thank you for your attention

Get in touch:



@C_A_Smith50



c.smith3@bath.ac.uk



https://people.bath.ac.uk/cs640/

Conclusions slide

Conclusions

Reaction-diffusion systems have many representations - each with associated advantages and disadvantages.

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26/07/2018 The auxiliary region method - Cameron Smith

Final slide

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Thank you for your attention









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https://people.bath.ac.uk/cs640/

What?

What?

Why?

What?

Why?

When?

What?

Slides after the final slide with extra information:

- > Content you don't have time for.
- > Further detail on some concepts.
- > Extra results.
- > etc.

Why?

When?

What?

Slides after the final slide with extra information:

- > Content you don't have time for.
- > Further detail on some concepts.
- > Extra results.
- > etc.

Why?

Can add to any set of slides, however natural to add when:

- > Slides need to be removed through practice.
- > Extra results can be easily added.

When?

What?

Slides after the final slide with extra information:

- > Content you don't have time for.
- > Further detail on some concepts.
- > Extra results.
- > etc.

Why?

Can add to any set of slides, however natural to add when:

- > Slides need to be removed through practice.
- > Extra results can be easily added.

When?

Two scenarios when such slides are useful:

- > You have extra time and can talk about extra material, or
- > Help answering questions.

Thank you for your attention

If you have any questions/points of discussion, then please ask them!

I HAVE A QUESTION. WELL, LESS OF A QUESTION AND MORE OF A COMMENT. I GUESS IT'S LESS OF A COMMENT AND MORE OF AN UTTERANCE REALLY IT'S LESS AN UTTERANCE. MORE AN AIR PRESSURE WAVE. IT'S LESS AN AIR PRESSURE WAVE AND MORE A FRIENDLY HAND WAVE. I GUESS IT'S LESS A FRIENDLY WAVE THAN IT IS A FRIENDLY BUG. I FOUND THIS BUG AND NOW WE'RE FRIENDS. DO YOU WANT TO MEET IT?

xkcd 2191: Conference question



Get in touch:



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