

A silhouette of a person stands on a dark, rocky outcrop, looking up at a vast, starry night sky. The Milky Way galaxy is visible, stretching across the frame with a mix of purple, pink, and blue hues. The background is filled with numerous stars of varying brightness.

Particle Physics Masterclass Workshop

Plans and goals: today and beyond

Andy Buckley, Pete Millington, Darren Price
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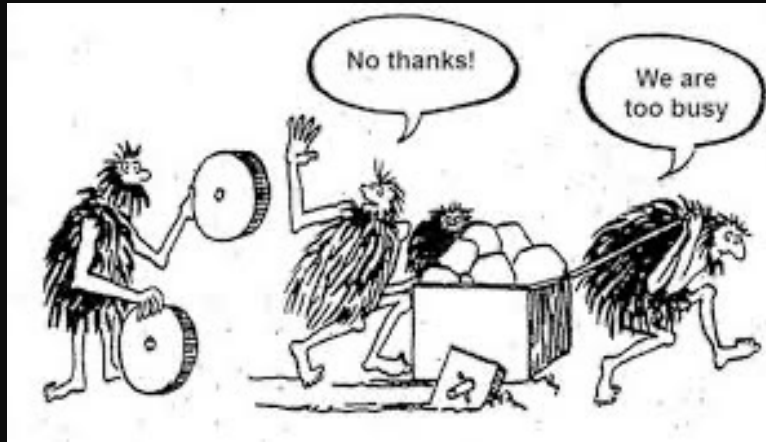
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Scholarship of practice: what should a masterclass be/achieve?
No one-size-fits-all answer, but hear about options and reflect
(see next talk from Andy)



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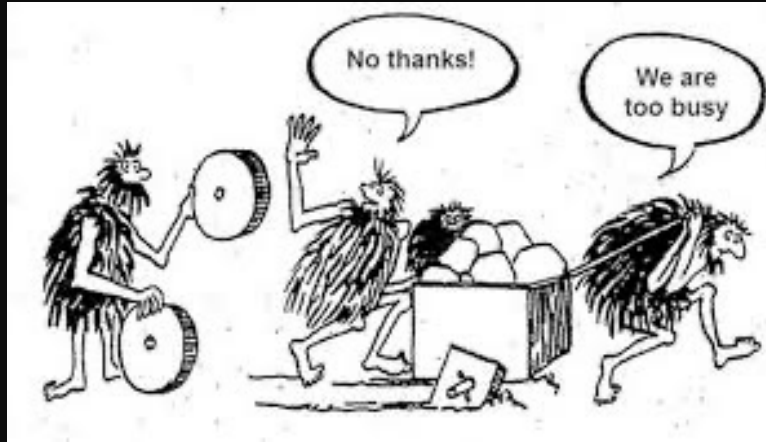
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where can we as a community share resources/experience and develop new content/ideas for effective, efficient, impactful and thoughtful engagement?

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Review examples of current masterclass activities and develop **needs/ wishes for the future**



As we go through the day: what resources are available that are be valuable to share?

Resources can mean a lot of things:

- ideas for organisation,
- example programme of activities,
- experience in what works well / what doesn't, and why?,
- slide decks (either for reuse directly, or inspiration),
- activities (guides/equipment/instructions),

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What resources/activities do we as a community want? What are we able and motivated to work together to develop?

- Best practice examples,
- New activities,
- New graphics,
- New tools (computing or otherwise)...

Which audiences are we targeting? Which *should* we be targeting?

- Widening participation schools,
- Under-represented backgrounds, low science capital, disengaged communities,
- Should we be also thinking about *adult* audiences, teacher mentorship?
- Other missing audiences?

How do we modify the design of masterclasses to best meet needs?

What are the challenges? What needs to change? Who/Why/How?

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What are the challenges? What needs to change? Who/Why/How?

No simple/fast solution and today is just the start:

Initial discussion today of current state/need/experience as input to future events with education/communications professionals to realise specific, measurable, and achievable outcomes.



Examples of existing masterclass contributions

What works well / what we learnt / how to do it / where things could be improved?

Current resources and future wishes/opportunities

What is out there we could be deploying into masterclasses, or what is missing? How can we as a community work together on developing or applying new resources (what are priorities?).

Best practice in designing for specific audiences

What is current experience? What are considerations? Are there audiences we should be connecting with but are not / are underserved – how to develop a strategy to provide high quality engagement.

Best practice in evaluation and monitoring

Current experience and future wishes.

Next steps following this initial workshop

Share experience/best-practice examples

Learn about different approaches and experiences in engaging with different audiences and via different means, what works well, what doesn't, and where there is a need for further information / desire for experience.

Report existing activities + community needs

Today's activities will feed into a short report to highlight key findings, that will be the seed for a follow-on targeted workshop with external partners.





Creation of repository of shared resources

Development of repository of useful resources people are willing to share:

organisation plans for a masterclass; how-to guides; best practice guidance; audience needs analysis; feedback forms and impact assessment examples; plans/guides for construction and operation of some activities/equipment; slide decks...

Could keep this to a simple Google Drive solution be sufficient in the first instance?

Informal working groups for content development

Creation of focused task-and-finish volunteer groups working on the coordinated development of specific, prioritised, new resources + reporting results.