

## Notes to go with the RaDyO video v5 (5<sup>th</sup> Oct '09)

This video is intended to introduce the RaDyO project to other scientists and students. There is some technical information in there, but nothing too detailed and the aim is that it will set the scene and show how the whole thing fits together, rather than providing lots of technical information. It's especially important to convey this information to those who are scientifically educated but don't spend their entire lives dabbling in IOPs and VSFs and  $\epsilon$  and Kramer-Kronig relations.

There more work to be done on this, and I'd really appreciate your help. The people on the KM were very helpful and gave excellent feedback as it was being put together, and they were also stars on camera (especially those who had not done something like this before). I am really keen for everyone to contribute to the final outcome. This is intended to be "us, the scientists" telling our story, so please do your bit. And be critical – I've seen this so many times now that I have trouble looking at it objectively so I need some help. There are definitely still some little things that need sorting out and probably some bigger ones as well. The video you'll see now has lower video resolution than the final one, so that it will download a bit more quickly.

I'd really appreciate it if you could watch it and e-mail any comments to [hczerski@gso.uri.edu](mailto:hczerski@gso.uri.edu). If you do nothing else, please forward to the end and check that the names of all of your team are on the final scrolling list of RaDyO participants because I'm pretty sure I've missed a lot out. What would be most useful are general editorial comments – is the structure clear, and does it say the right things? Please feel free to suggest shots and to provide video you've taken yourself (but nothing from youtube – I want to avoid any copyright issues). And tell me NOW if there are any bits you object to, so that I can do something about it sooner rather than later.

You will see that two very important bits are missing – something on waves near the start, and something on the modeling near the end. I definitely don't want the video to last for more than 30 minutes (it's 23 minutes now), but I would love to hear from the groups not yet included in here so that we can discuss how to represent your work. If you can put together a rough idea of what you'd like to say and ideas of shots to go with it, that would be perfect, but don't feel you have to do that before we discuss it. Russel took some video on FLIP (which isn't included yet) and I know that he wasn't the only one with a camcorder, so please let me know if you have video you'd like to contribute.

FLIP people – I would like a schematic of the instruments like the KM one – please help me out. And do you have any video of the KM?

AUV people – do you have a video of your AUV swimming about? Or even just a close-up of it in the water?

This is a bit of an experiment, so we'll all learn how it might be used, but here is what I'm planning to do with it to start with. The idea came from [www.scivee.tv](http://www.scivee.tv), who host videos just like this, made by scientists for scientists., so I will post it there. iTunes U would also be a good place. Anyone will be free to use or distribute it as they like. You could also embed it on a website, and I'll make CDs or DVDs for anyone who would prefer those. I'm hoping that it might be a good thing to show graduate students to introduce both the topics and the idea of communicating them this way. And if you have other ideas, please let me know. There are lots of technological tools that scientists could use to communicate with each other, but experimentation with them has been slow so far. Think of it as doing your bit to help uncover the breadth of future scientific communication...

Thanks to everyone for all the help and encouragement I've received so far!

Helen.