1 CNS workshop/tutorial idea: FOSS for neuroscience

A 1.5 day workshop would be ideal:

1. Day 1, first half: user oriented sessions:
   - Introduction: FOSS for neuroscience (follow up from the open letter and paper [Gle+17]).
   - Resources for computational neurosciences: NSG gateway, OSB, NeuralEnsemble—can we announce a troubleshooting forum on discourse like NeuroStars?
   - Introduction to using Docker.
   - Introduction to NeuroFedora.
2. Day 1, second half: developer oriented sessions:
   - Case study: the NEST development method.
   - Introduction to collaborative development using Git and a git forge (Github/Gitlab/Bitbucket/Pagure).
   - Introduction to software testing using continuous integration (Travis/Jenkins).
3. Day 2: hack and BoF session:
   - Case study: a pull request that fixes an issue.
   - Pre-collected easy-fix tickets.
   - Help organise on the spot BoFs.
   - Help new folks turn into contributors to upstream computational neuroscience.

References

[Gle+17] Padraig Gleeson et al. "A Commitment to Open Source in Neuroscience". In: *Neuron* 96.5 (2017), pp. 964–965. DOI: 10.1016/j.neuron.2017.10.013 (cit. on p. 1).