

ASPECT: Hackathons as an Example of Sustaining an Open Source Community

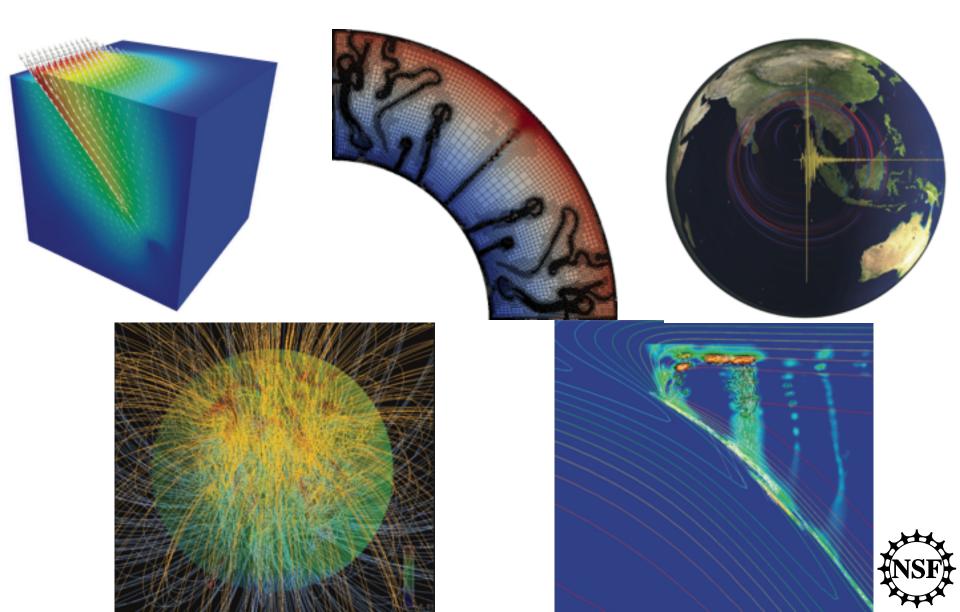
WSSSPE4 ❖ 12-14 September 2016 ❖ Manchester, England

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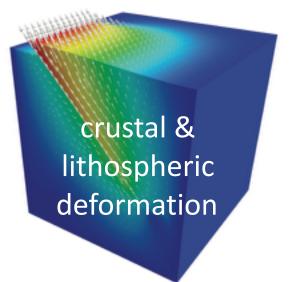
Scientific Domains

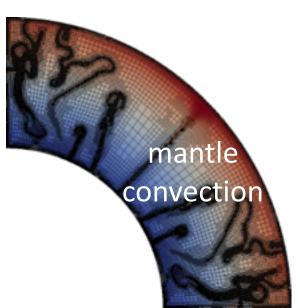




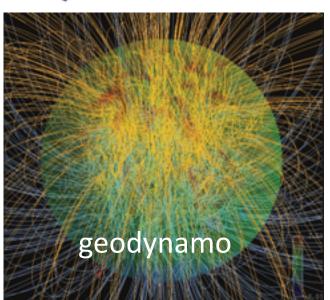
Scientific Domains

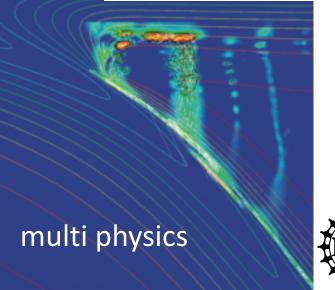












Community Building





Community Building





Hackathons TRADITIONAL













TRADITIONAL







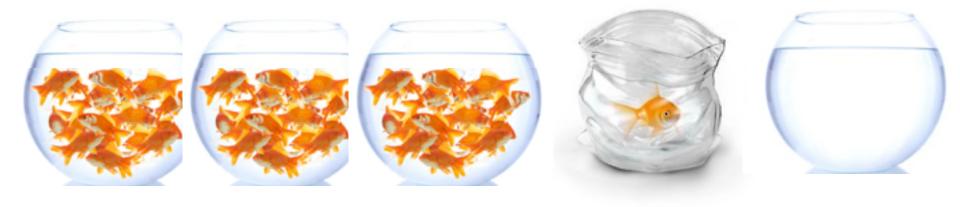
TRADITIONAL









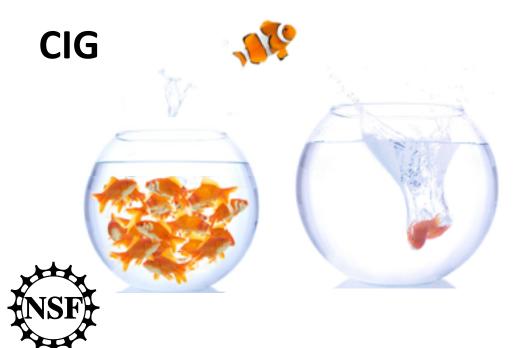






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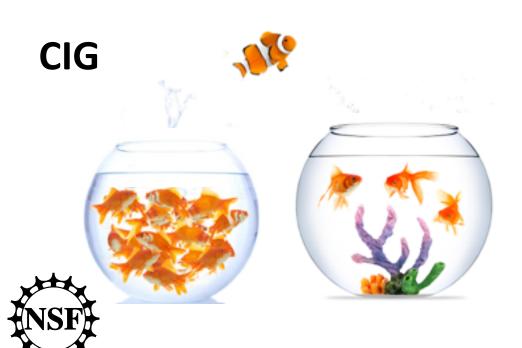


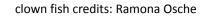




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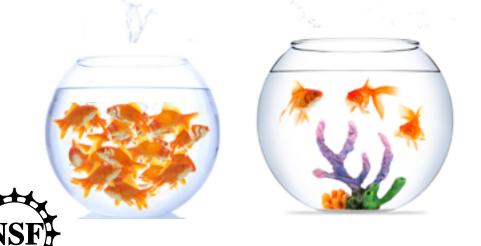




TRADITIONAL









Hackathon Structure

Beginning

Leaders:

- establish project specific conventions
- demonstrate workflows
- review relevant technical skills
- identify starter projects and merge issues

Daily

- work plans
- science and coding briefs

As Needed

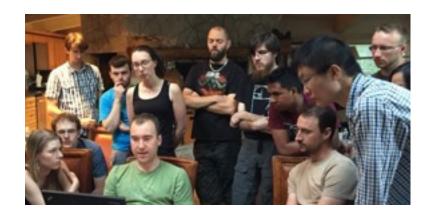
- mini-tutorials
- adjustments

Required from ALL Participants

✓ MUST HAVE AT LEAST ONE COMMIT









commits

2012

neil

Inde

90

April

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201

- 1

ly Oct

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2018

16

Anril

ly Octy

ober 2

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huba

Lessons Learned



- ✓ multi-day events (7-10 days)
- √ multidisciplinary expertise
- √ mix of expert and novice users
- √ have dedicated and experienced code reviewers 1:10
- √ daily group updates
- √ organization to promote group interactions
- √ enforced free time





Future

go virtual?



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