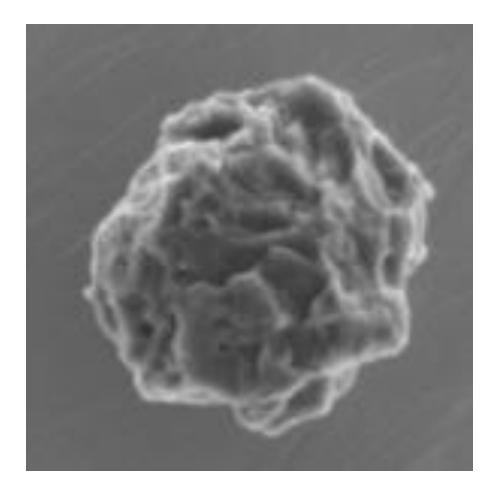
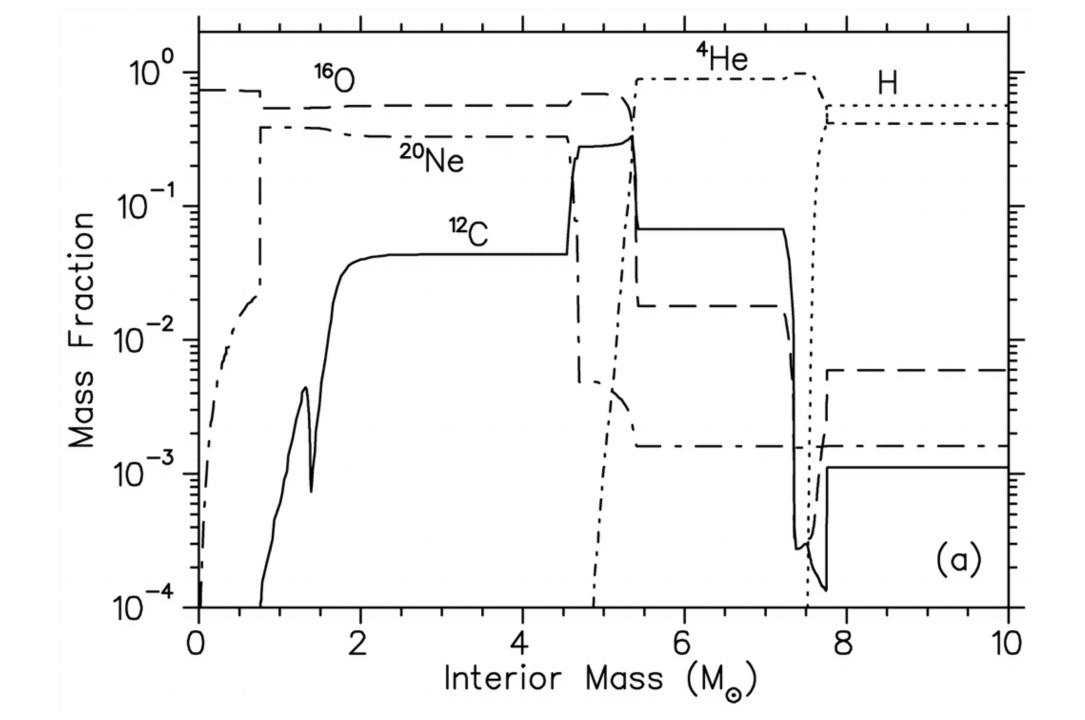
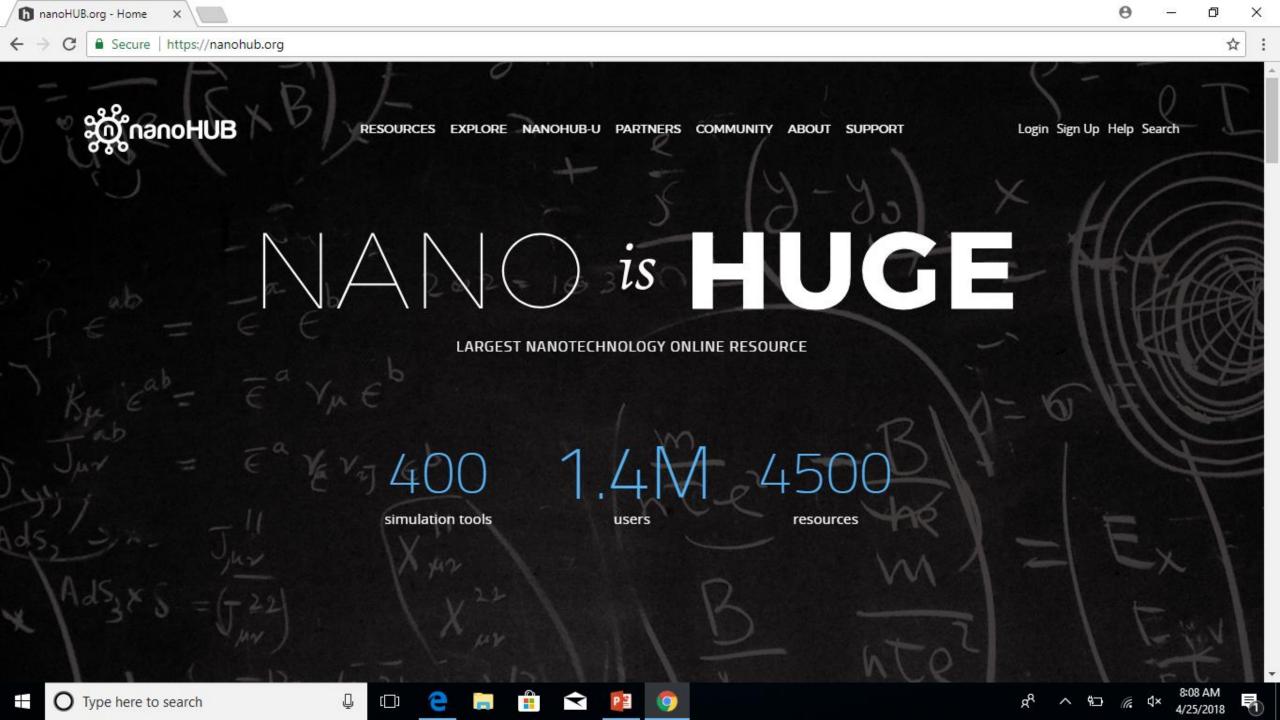
NucleusHUB.org: A Platform for Collaboration Among Astronomers, Nuclear Astrophysicists, and Planetary Scientists

Bradley S. Meyer Clemson University





Study of presolar grains requires combined efforts of planetary scientists, astrophysicists, and nuclear physicists.





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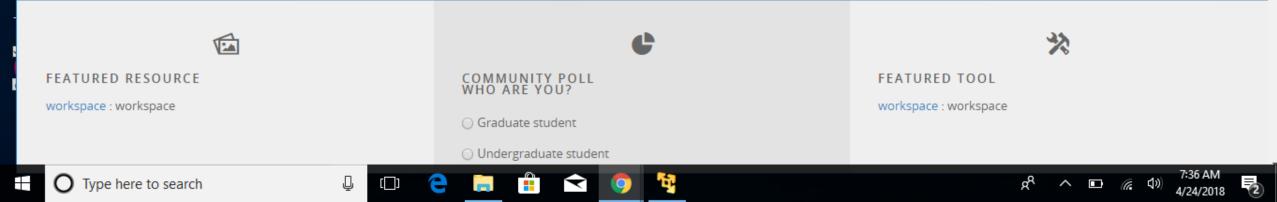
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Welcome to our site!

This project has an **important mission** of revolutionizing scientific research and educational activities.



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Series

Series are collections of lectures, publications, and other resources presented as a list. Each series is available as a podcast feed.

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Tools (Windows)

A simulation tool is software that allows users to run a specific type of calculation. These are (MS) Windows-based.

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Documents

Articles, technical reports, theses, and other documents, usually in PDF or DOC format.

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Seminars

A lecture of some sort, usually recorded with voice or video. It may be a graduate or undergraduate level seminar, a lecture for a class, or a tutorial presentation.

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Tools

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Add Modules

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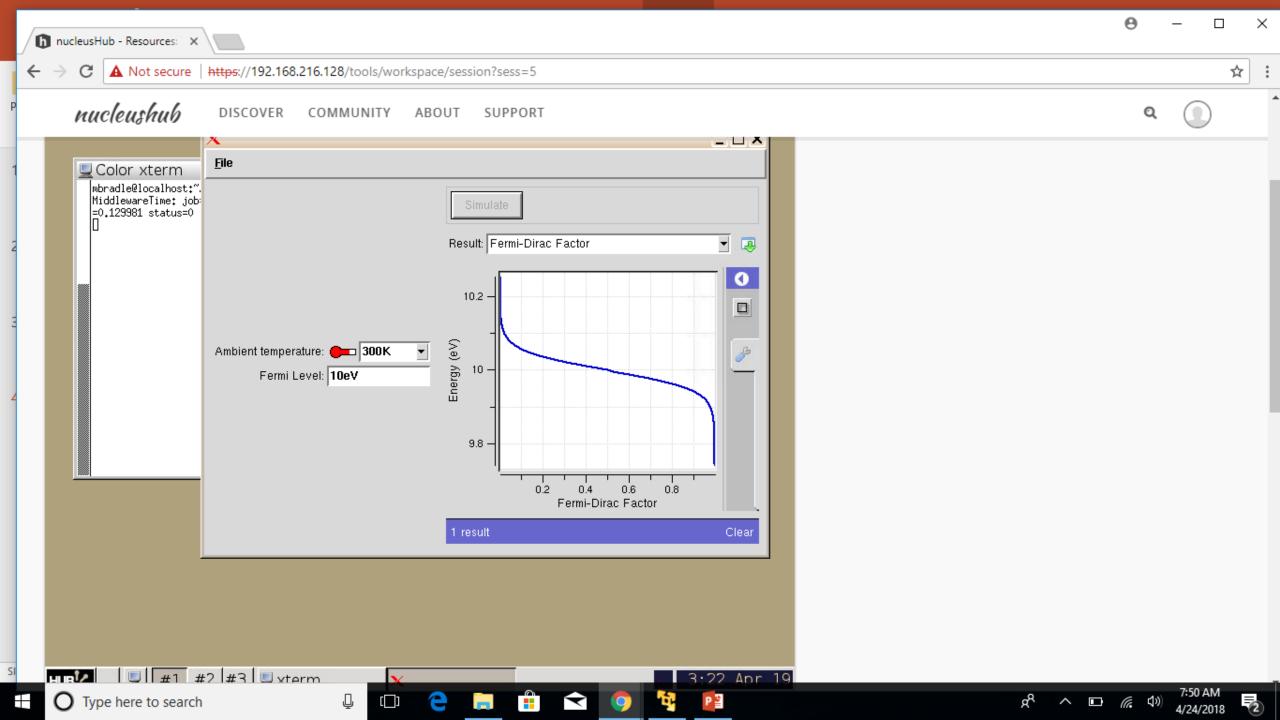
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	xml version="1.0"?>
`'	(tool)
	Press Simulate to view results.</about></td></tr><tr><td></td><td><pre><about // ess simulate to view / esurts.// about/
<command>python @tool/fermi.py @driver</command></pre></td></tr><tr><td></td><td></tool></td></tr><tr><td></td><td></td></tr><tr><td></td><td><input></td></tr><tr><td></td><td><pre><number id=" temperature"="">
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	<label>Ambient_temperature</label>
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	<units>K</units>
	<min>OK</min>
	<max>500K</max>
	<default>300K</default>
	<pre><pre>cpreset></pre></pre>
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	<label>300K (room temperature)</label>
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This toor is one of 4 tools under development of indecedshub.

	Tool Information edit	
	Title	Fermi-Dirac (fermi - id #4)
	Version	This version 1.0 (under development)
	At a glance	Compute the Fermi-Dirac factor.
	Description	Preview Edit description page
	VNC geometry	780x600
	Tool execution	restricted to US users (export control)
	Source code	open source
	Project area	open to public
	Development team	mbradle
	Developer Tools	
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What's next?

The nucleusHub team has created the following project area for your tool on the Forge: https://192.168.216.128/tools/fermi/wiki

Follow these steps to start using your project area:

Learn more about uploading source code into your project area and how the directories are arranged

Learn more About the Rappture toolkit.

When you are ready, Follow these instructions to access the source code repository for your specific project and upload your code.

We are waiting for You

Once your source code has been uploaded into your project area, click here to let us know:

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➔ My code is committed, working, and ready to be installed

Remaining steps before we can publish your tool:

🗹 Register your tool on nucleusHub

- Commit the final code for this version. I've done this How do I do this?
- ➔ Make the page that describes your tool. Create this page...

Nice opportunity for students to convert existing codes to online resources.

Ultimate disposition: maintained by Joint Institute for Nuclear Astrophysics and/or the Facility for Rare Isotope Beams?

If you build it, will they come?

If they come, will they build it?