

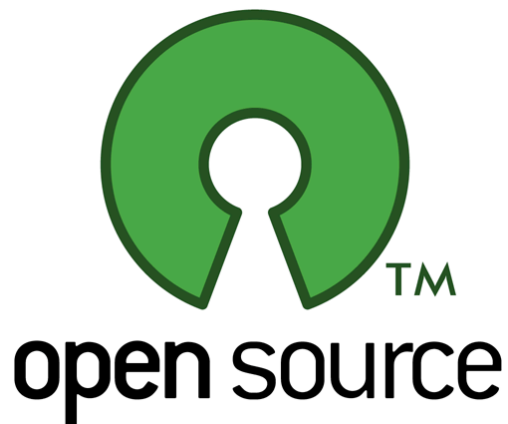
# The HUBzero Platform for Scientific Collaboration

Michael McLennan

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Purdue University

# What is HUBzero?

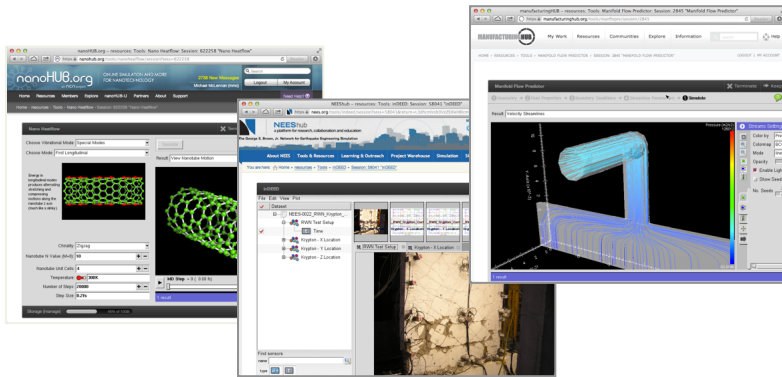


Open source software platform  
used for building

*“Science Gateways”*  
*“Collaboratories”*  
*“Hubs”*



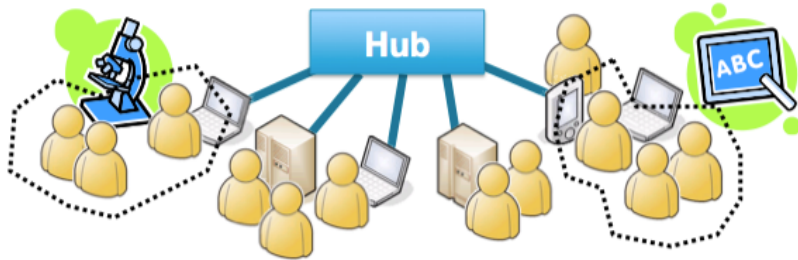
# Platform for Scientific Collaboration



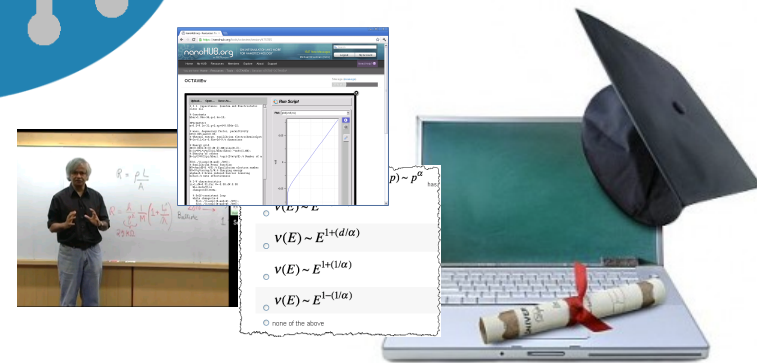
Computational Tools



Databases / Publications

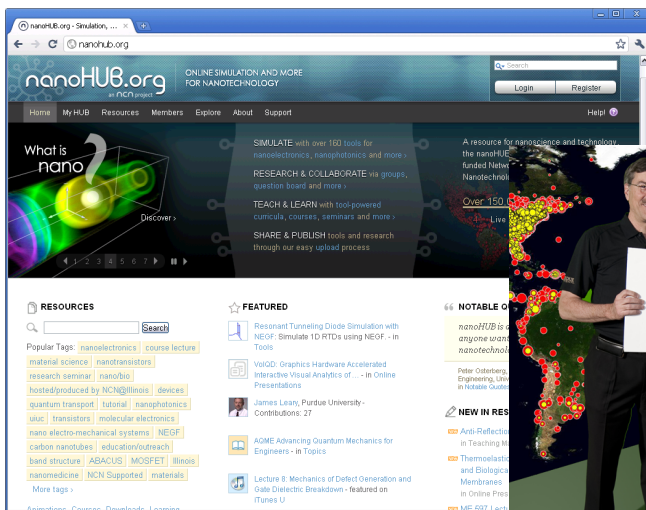


Group/Project Collaboration



Learning Management

# Started with nanoHUB.org



Network for  
Computational  
Nanotechnology

Established in 2002

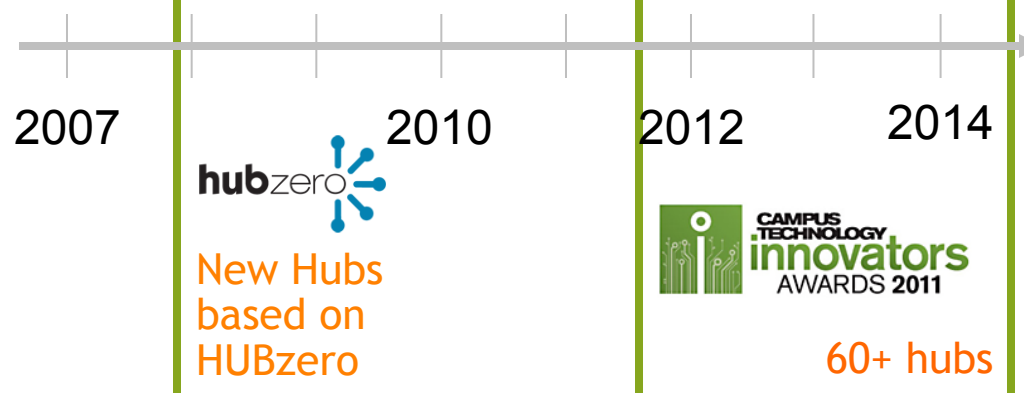
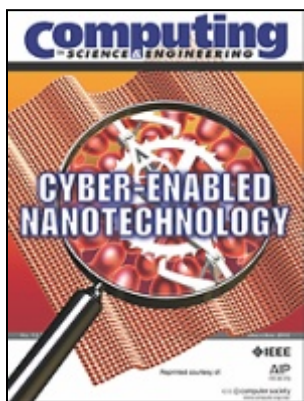
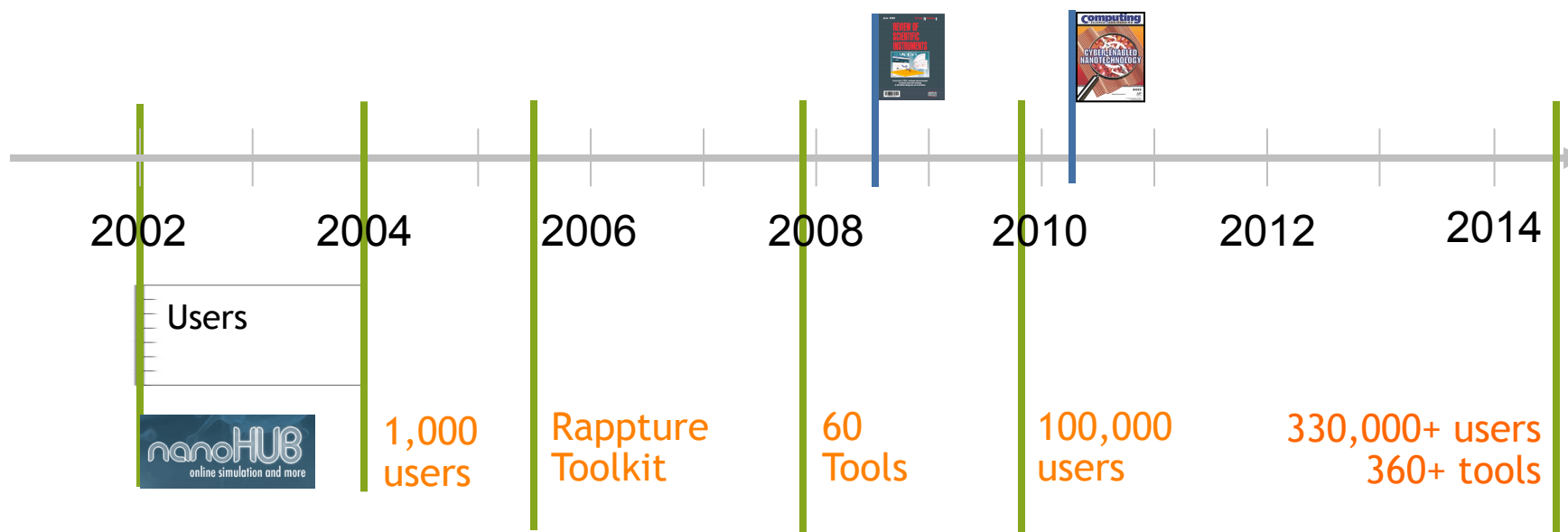


Awards  
EEC-0228390  
EEC-0634750  
OCI-0438246  
OCI-0721680

**730,877** Visitors  
**324,560** Users  
362 Simulation Tools  
4,651 Resources  
1,191 Citations  
22,649 Students at 185 Institutions



# How This Has Grown and Spread





# 60+ HUBS for many disciplines

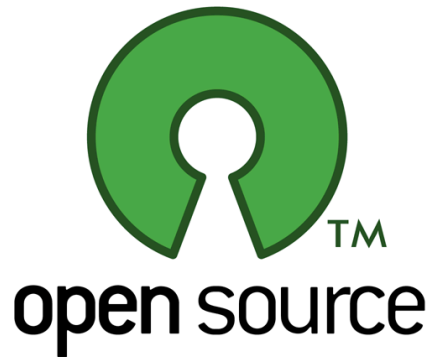


**~1,800,000**  
visitors total

visitors	users	Hub Logo	Hub Name
705,725	330,939		nanoHUB.org
364,304	118,016		nees.org
63,487	32,236		pharmaHUB.org
62,495	5,492		HABRIcentral.org
53,507	13,487		vhub.org
49,559	23,168		GlobalHUB.org
47,972	6,976		ciHUB.org
47,085	12,788		cceHUB.org
46,083	5,166		PURR
45,833	5,473		iemhub.org
45,176	9,069		molecularHUB.org
41,048	8,078		StemEdHub.org

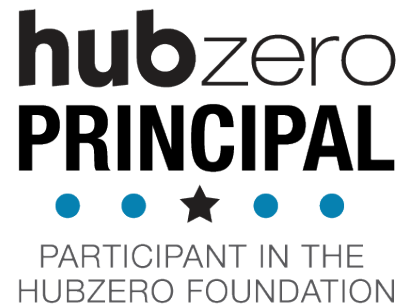
1

Download and have at it!



2

Join the Foundation



3

Consulting and Hosted Solutions



# Exercise #1



Create an account and log in: [hubzero.org](http://hubzero.org)





More information



## Michael McLennan

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<http://hubzero.org/pressroom>

- Simulation/modeling tools
- Data management
- Collaboration and social networking
- Analytics to measure impact