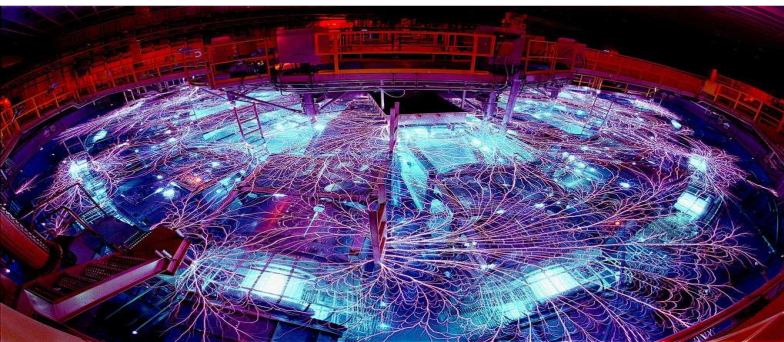


Exceptional service in the national interest

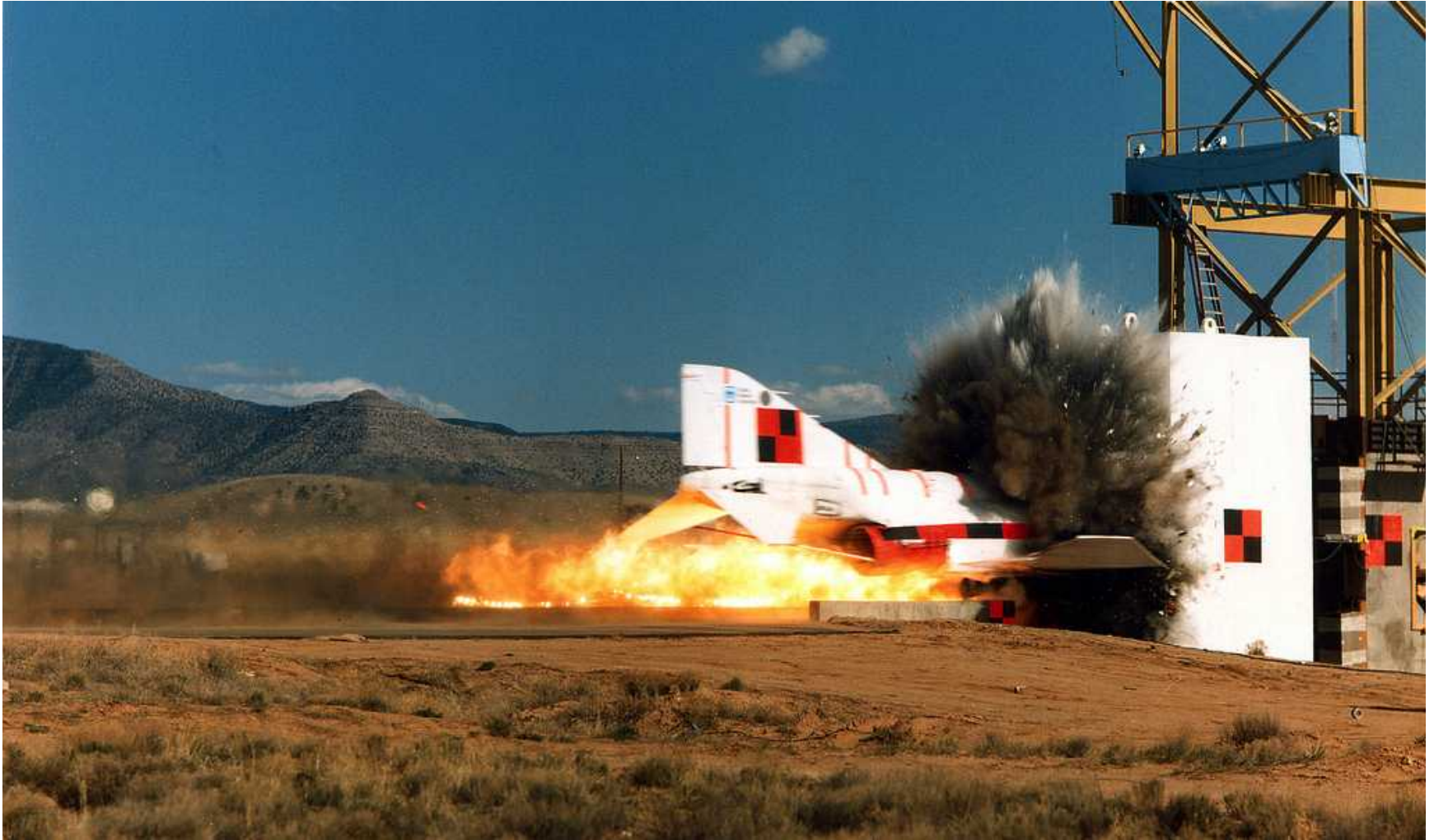


Collaboration ::

Get Your Company to Participate

EXCEPTIONAL SERVICE IN THE NATIONAL INTEREST

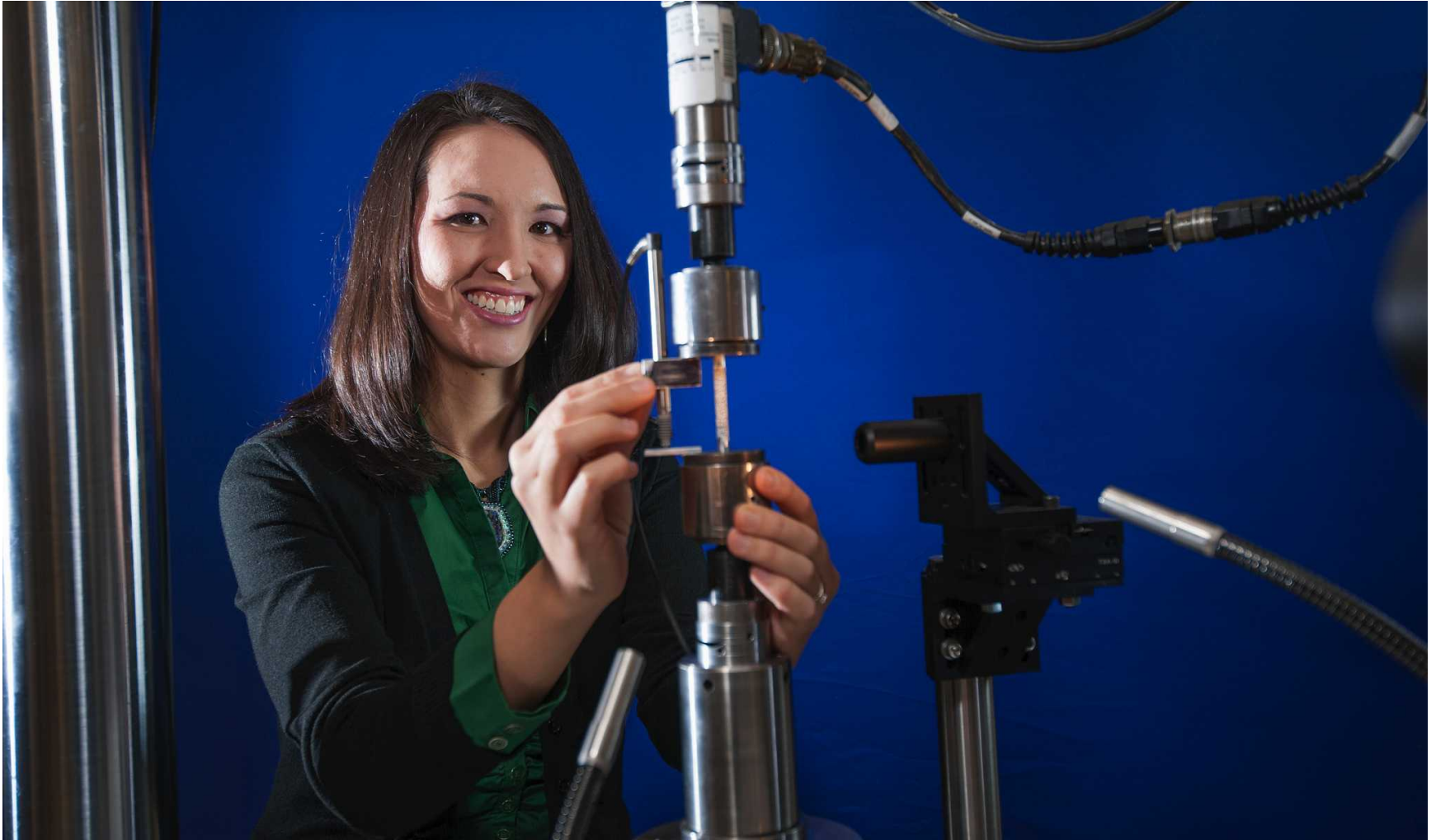


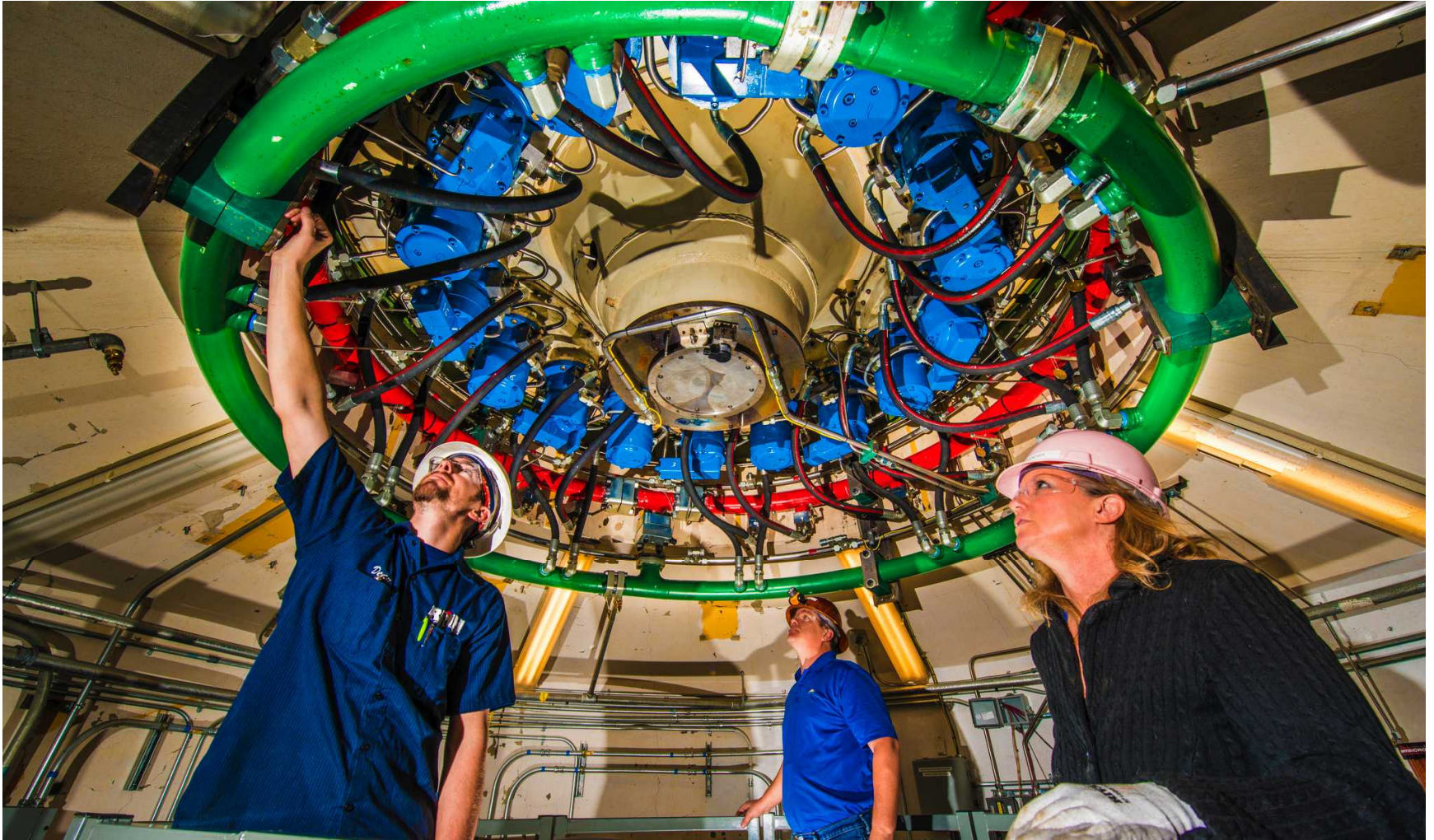




- Program Manager – web collaboration
- Agile Coach and Scrum Master – intranet redesign project
- CA site
- Behavioral ecologist by training
- Interest in social systems supported by technology







Challenges to collaboration

- Secret knowledge
- Information silos
- Constant cyber attacks
- Counter intelligence concerns
- 'Web 2.0' seen as security threat
- Teams not co-located
- Competition for recognition, funding
- Large COTS tools aimed at support, not mission

Expected gains from “web collaboration”

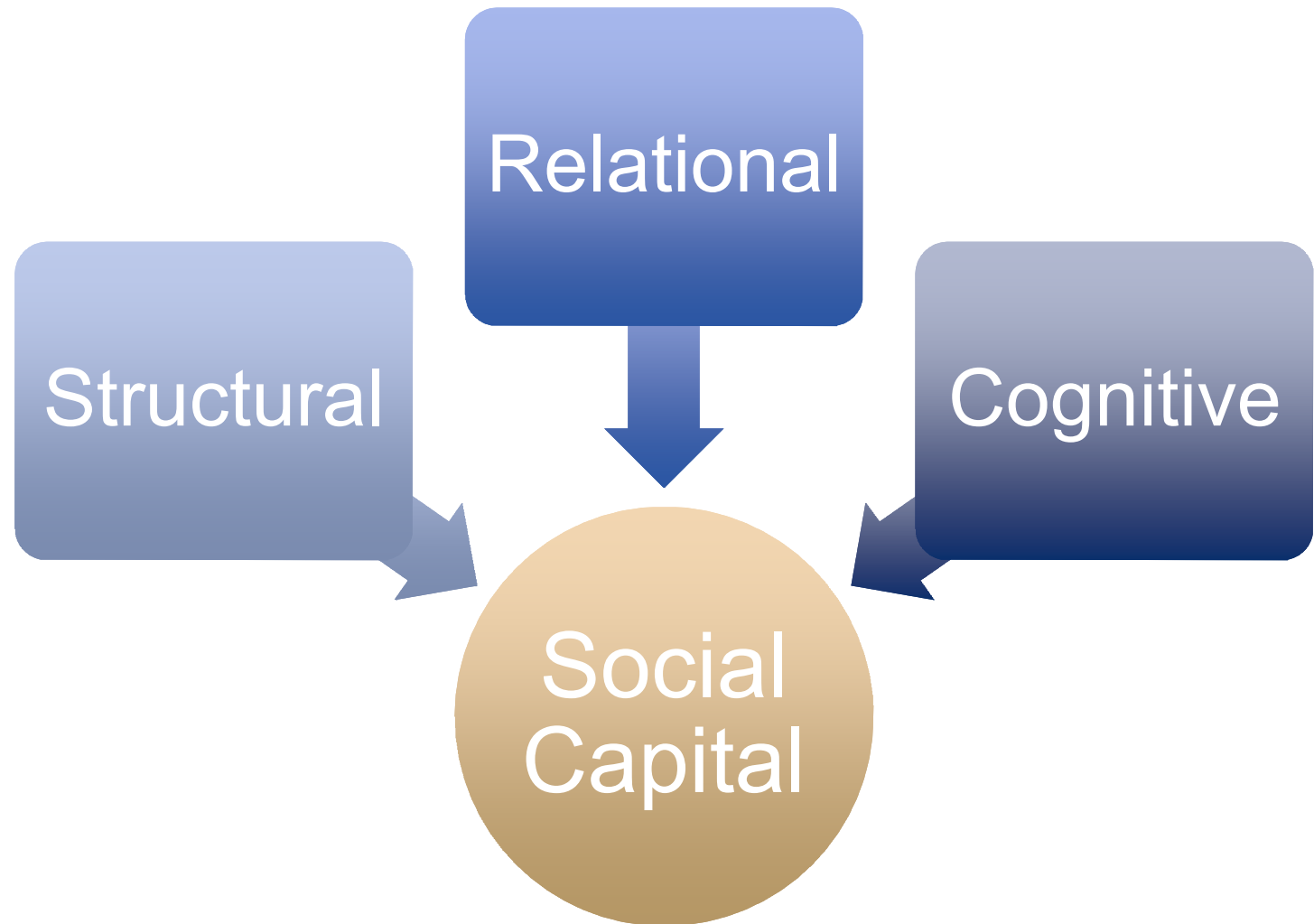
- Find collaborators – expertise networking
- Find information on the intranet (including data sets)
- Staying abreast of Sandia objectives
- Know where I fit in
- Knowing what other groups at Sandia are doing
- Knowledge about tooling (what’s new, do we have, how to get)
- Working with shared resources (i.e. - HPC)
- Reproducing results
- Communicating provenance



Expected collective or economic benefits derived from cooperation
between individuals and groups

===

SOCIAL CAPITAL

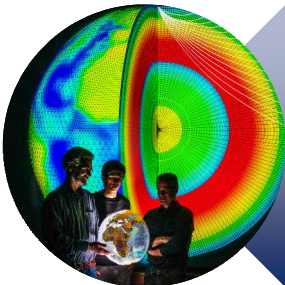




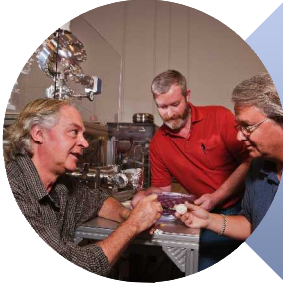
Social Ties



Communities of
Practice



Knowledge
Resources



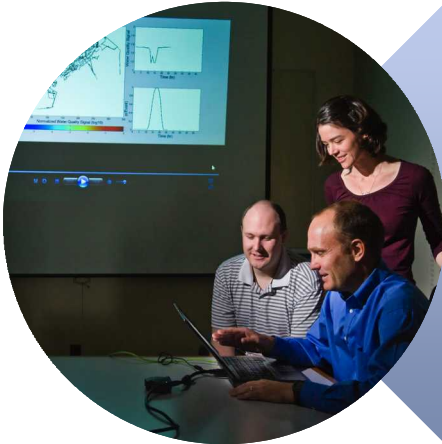
Trust



Cost



Innovation



Common
Understanding



Shared
Paradigm

FAILURES ABOUND

Doing Nothing

- Intranet of links
- Un-findable resources

Skunkworks

- Thunderbook
- Dogear

COTS

- One size does not fit all
- Not accepted by staff

Lessons learned

Information-centric



Worklife revolves around information

Opinionated



Scientists like to debate ideas

Connected



Form connections over shared interests

FINALLY, A SUCCESS...



Sandia Plug

discover • share • chat



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4  | Plugged

4h ago • [View Log](#)

High CO2 Makes Crops Less Nutritious | Nat Geo Food

[carbon](#) [carbon_dioxide](#) [climate_change](#) [co2](#) [edit tags](#)

Climate change could make crops less rich in zinc, iron, and protein, a new study suggests.

0 Comments

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Activity in the last 30 days

Top Contributors	# of Plugs
John S. ...	38
... ..	25
... ..	19
... ..	16
... ..	13


Top Tags	# of Tags
cloud	21
diversity	15
security	14
ux	14
energy	13

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409 Plugs

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45  Plug it!


7d ago • [Joshua West - Microsoft](#)

The Eight Most Evil HR Policies

career employees employers hr human_resources policies
quality_of_life stack_ranking workplace edit tags

We are all waking up from our stupor and realizing that just because you have a job doesn't mean you should be treated like dirt. There is no reason on earth for HR policies to be as insulting and...

4 Comments so far
Latest comment from [Brian - Microsoft](#) 2d ago:
thumbs down on stack ranking
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73  Plug it!

10d ago • [Paul Hommert - Microsoft](#)

Around Sandia » Paul Hommert to retire

hommert edit tags

Sandia President and Laboratories Director Paul Hommert announced May 12 he will retire in mid-summer, five years after becoming Sandia's 13th director.

The process to name a successor is expected...

0 Comments

Plug Activity

Activity in the last 30 days

Top Contributors	# of Plugs
Glen Scroggins	35
Matthew J. Hollander	24
Joshua West - Microsoft	18
Brenton - Oracle	16
Patrick C. Whang	13

Top Tags	# of Tags
cloud	21
diversity	15
security	14
energy	13
ux	13

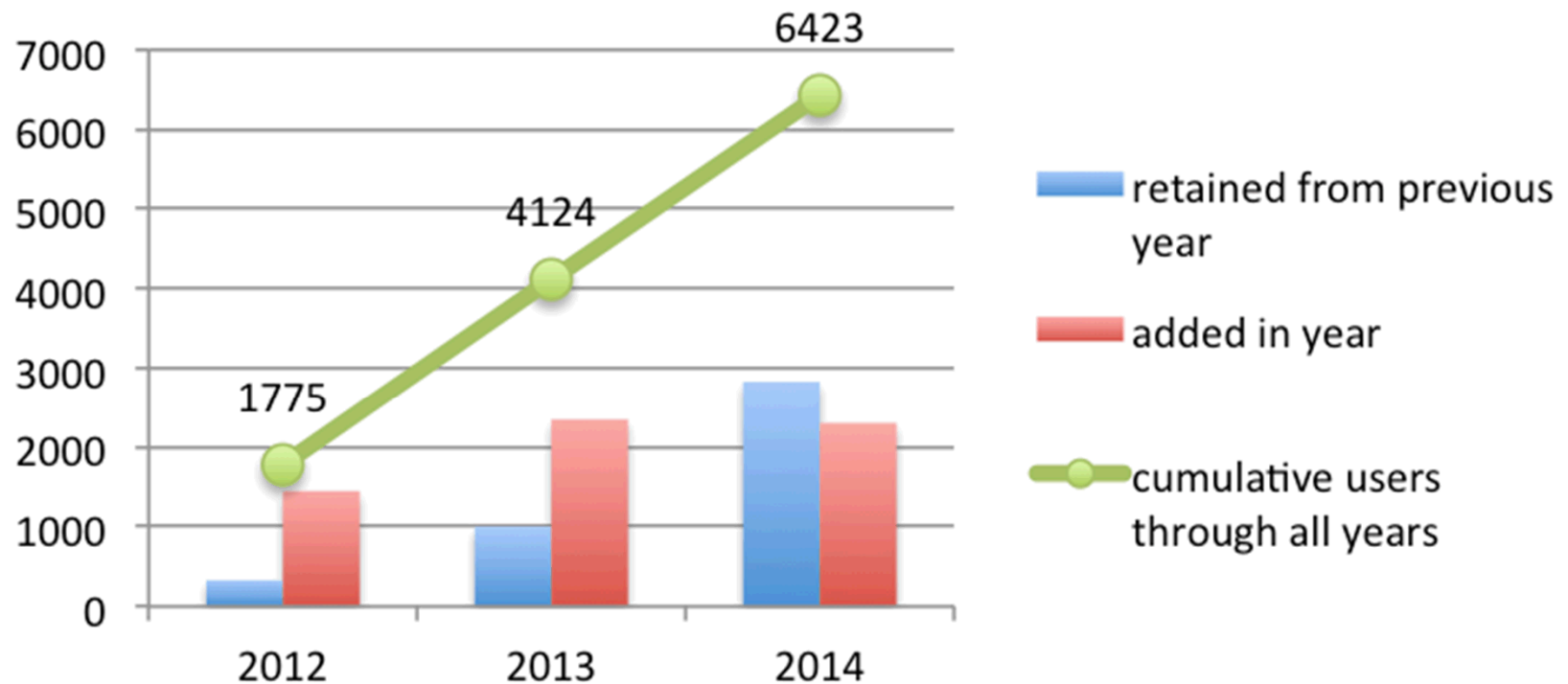
My All Time Activity

410 Plugs
320 Comments
5 Questions
34 Answers

My Tags	# of Tags
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facebook	35
twitter	25
mobile	20
agile	19

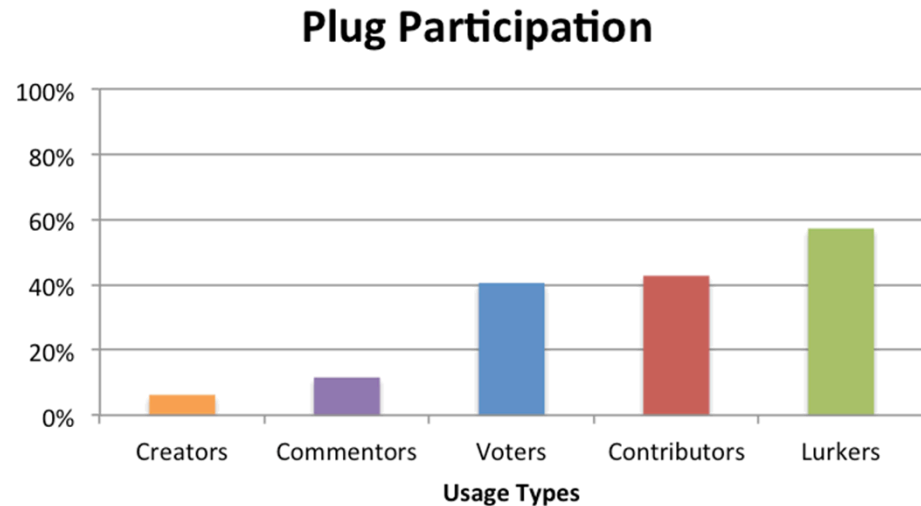
3/articles

Plug: User Adoption and Retention



Contribution rate of 43% is higher than the 10% of most internet tools

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- 36,943 votes cast
- 5,973 total posts
- 3,056 contributors



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Andrew J. Schwartz

ARTICLE [Reflections from a Red Team Leader](#) 1 Plug

Errol Morris

ARTICLE [Errol Morris: How Typography Shapes Our Perception Of Truth | Co.Design | business + design](#) 1 Plug

ARTICLE [The Best UX Visuals Follow These 2 Rules | Co.Design | business + design](#) 1 Plug

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8  | Plug it!

1d ago · 

Updated NASA Data: Global Warming Not Causing Any Polar Ice Retreat

crisis environment global_warming nasa polar studies weather winter
[edit tags](#)

Updated data from NASA satellite instruments reveal the Earth's polar ice caps have not receded at all since the satellite instruments began measuring the ice caps in 1979.

91 Comments so far

Latest comment from  1h ago:

I agree with Alan. The problem with public debate between subject matter experts and their amateur detractors is that it gives an appearance that there is a legitimate debate. Many people are...

[Join the conversation and view additional content](#)

ARTICLE

[Application Readiness in Full Swing at DOE Labs, Part I](#) 2 Plugs

There's been new activity on a Plug post

There have been 3 comments on "[Agile Product Ownership in a Nutshell - YouTube](#)" since you last viewed it.

Thanks Hope. This is a great tool for Scrum Teams to better understand the role of the Product Owner.

comment by [Matthew J. Brown](#)

This video is also a Lean video as Kanbans are how we limit cars being built in a factory The backlog of stories does not need to be 'no' as long as your backlog has a priority and the distance in time from being considered is always visible to all. If you want to be on the show "Hell's Kitchen" there is a 2 season backlog, not no, but no for me. In open source we might keep a very long backlog the key is people have to let go of backlog as commitments. Only the iteration is committed ;-) nice video

comment by [Matthew J. Brown](#)

As noted at the scrum of scrums, this was a very insightful video.

comment by [Matthew J. Brown](#)

6  | Plugged

2d ago • [Philip S. Kuttan](#)

Enj

cee

New

to p

has

(CE

[Philip S. Kuttan \(Phil\)](#)
[Kuttan](#)

Solutions Architect

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SAPLE

automatically create a Plug question/topic tagged with "CEE question", as well as allow for additional tags to be added within the Plug environment. There is also a dynamic listing of the latest items or discussions that have been tagged with "CEE". Jump in and share your expertise with your peers or leverage the wealth of knowledge across the Lab!

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CCHD
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Sandia Management Information
Security
Technical Library

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[8](#) - Plug It

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Sig Hecker video available [8](#) - Plug it
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Sisters mentor and inspire students
[15](#) - Plug It

Sandia scientist wins BEYA award
[17](#) - Plug It

SNL Directory Quick Search
Enter name (last, first) or org:
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Advanced Personnel Locator

[Advanced Search](#)

Something to Think About...

Safety: If you work with electricity, then you're at risk! Make sure to check cords for damage. Use the connector to unplug electronics and never pull the cord. Always ensure your hands are dry when unplugging connectors from outlets.
[Sandia Electrical Safety](#)

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[Reportville](#)
[Review and Approval](#)
[Sandia Labs Federal Credit Union](#)
[Software Asset Management System \(SAMS\)](#)
[Technical Library](#)

Weather (NOAA)

57.0°F
13.9°C and Mostly Cloudy

Livermore, Livermore Municipal Airport, CA
Last updated on Apr 7 2015, 12:53 pm PDT

Wind 16.1 MPH from West
Wind Chill 53 F (12 C)
Rel Humidity 55%
NOAA: Forecast | Satellite

Quote of the Day
While I am overwhelmingly proud of work that I, believe me, did not do on my own, I can assure you that awards have very little bearing on my own personal happiness, my own sense of well-being and purpose in the world.
-Weryl Streep

Around Sandia

Projects chosen for DOE's LabCorps

0 · Plug it

Co-workers share electrical safety advice

0 · Plug it

Paul Hommert to retire

2 · Plug it

MESA starts its largest production series 1 · **Plug it**

Sandia showcases biology breakthroughs 0 · Plug it

Sandia volunteers support Science Bowl 4 · Plug it

Z machine data supports iron rain theory 2 · Plug it

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CEE Common Engineering Environment

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Recommendations to help engineers & scientists succeed.
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Are you trying to decide what software to use for your scientific or engineering project, or wondering how to get access to collaboration project space, remote graphics workstations, or HPC clusters?

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Ensure quality work

Are you doing everything you should do to produce quality work? View the recommended tools, training, procedures, and best practices to ensure the highest quality in every phase of your product lifecycle.

[Browse engineering quality resources »](#)

Keep your skills up-to-date

Sandia has identified competencies (knowledge, skills, and abilities) for various engineering roles. Learn what competencies and training you need to succeed in your job.

[Browse competencies and related training in a program area or job role »](#)

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- [Software Quality Implementation Group](#)
- [User Experience Community](#)

Get the word out about your community of practice

Is there a community of practice that you'd like to share with the Sandia engineering community?

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Participate in engineering conversations or start a new one. Sandia's Plug environment provides a place to share Web articles of interest or ask questions of other Sandia workers. Jump in and share your expertise with your peers or leverage the wealth of knowledge across the Lab!

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WHAT IS CEE?



The Common Engineering Environment (CEE) is a set of preferred engineering tools and software, support services, best practices, processes, and training for all engineers and scientists. [Read more...](#)

Sandia External News Releases »

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Sandia researcher [Brett Taylor](#) receives highest award from DOE Secretary
May 21, 2015

Sandia researchers first to measure thermoelectric behavior by 'Tinkertoy' materials
May 20, 2015

Sandia helps small security company thwart thieves
May 19, 2015

Optical diagnostics researcher at Sandia wins DOE Early Career award
May 15, 2015

Robot Rodeo at Sandia Labs showcases bomb squad expertise
May 14, 2015

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The latest CEE-related content from Plug

Engineering Discussions on CEE
May 20, 2015

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(**TIP:** Fill out your [MySite profile](#) if you want to be found.)

[Optical diagnostics researcher at Sandia wins DOE Early Career award](#)
May 15, 2015

[Robot Rodeo at Sandia Labs showcases bomb squad expertise](#)
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[The latest CEE-related content from Plug Engineering Discussions on CEE](#)
May 20, 2015

[New CEE website offers tools and resources for engineers and scientists – Lab News Interactive](#)
October 16, 2014

[TeamForge Training Courseware Available for all Unclassified Sandia TeamForge Users](#)
April 5, 2012

[See all CEE-related content on Plug »](#)

Take-aways

- Asked “what are important infrastructures at Sandia”
- Asked “what benefits can we gain through collaboration”
- Improved offerings constantly, based on research – not hype
- Watched for openings for integration

Questions?

- Hope Niblick
- hniblic@sandia.gov

References - Credits

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- Chris D Frith, Tania Singer (2008), "The role of social cognition in decision making", DOI: 10.1098/rstb.2008.0156