

Sponsors of Tomorrow.™

Research @ Intel Day

Justin Rattner

Vice President and Senior Fellow

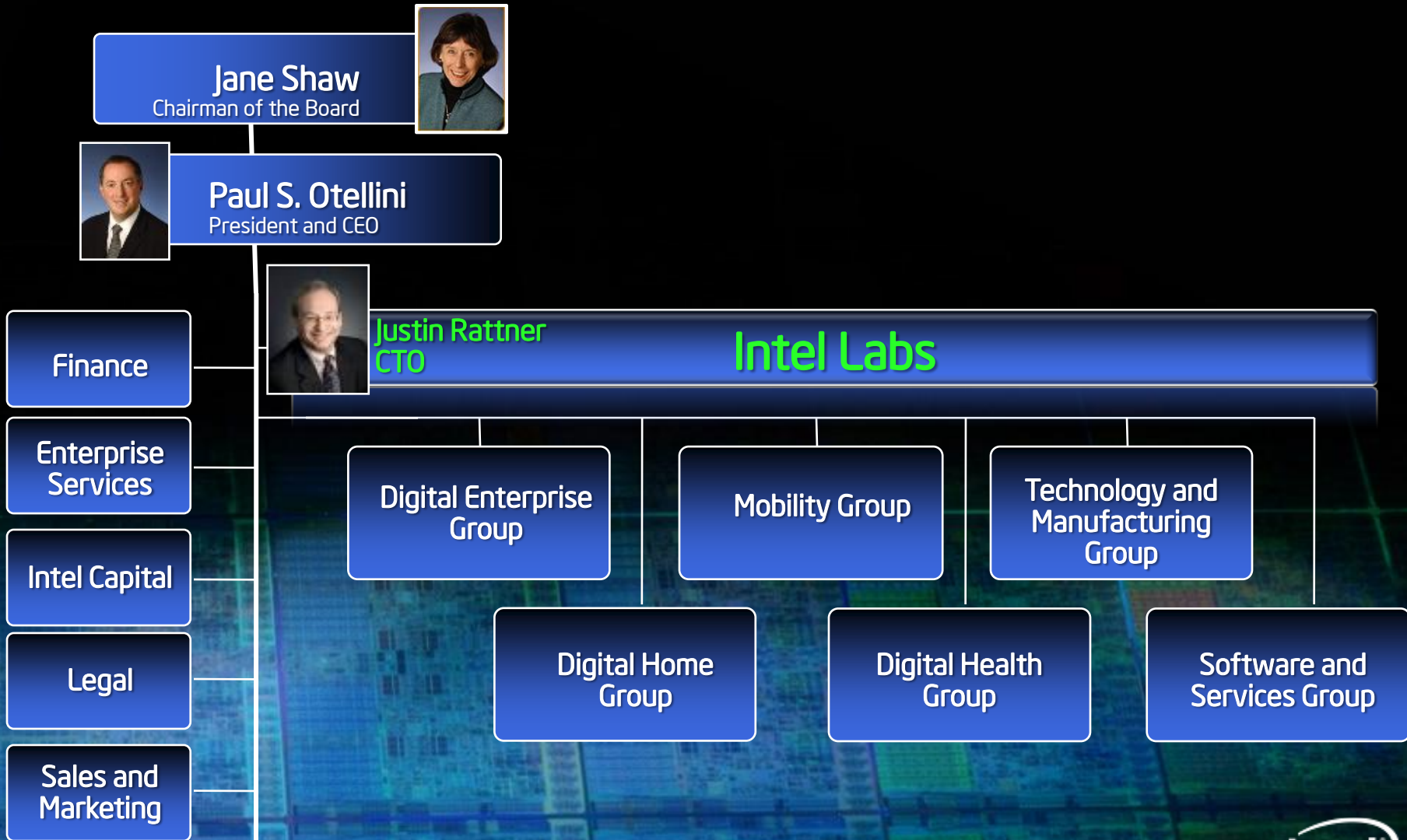
Chief Technology Officer



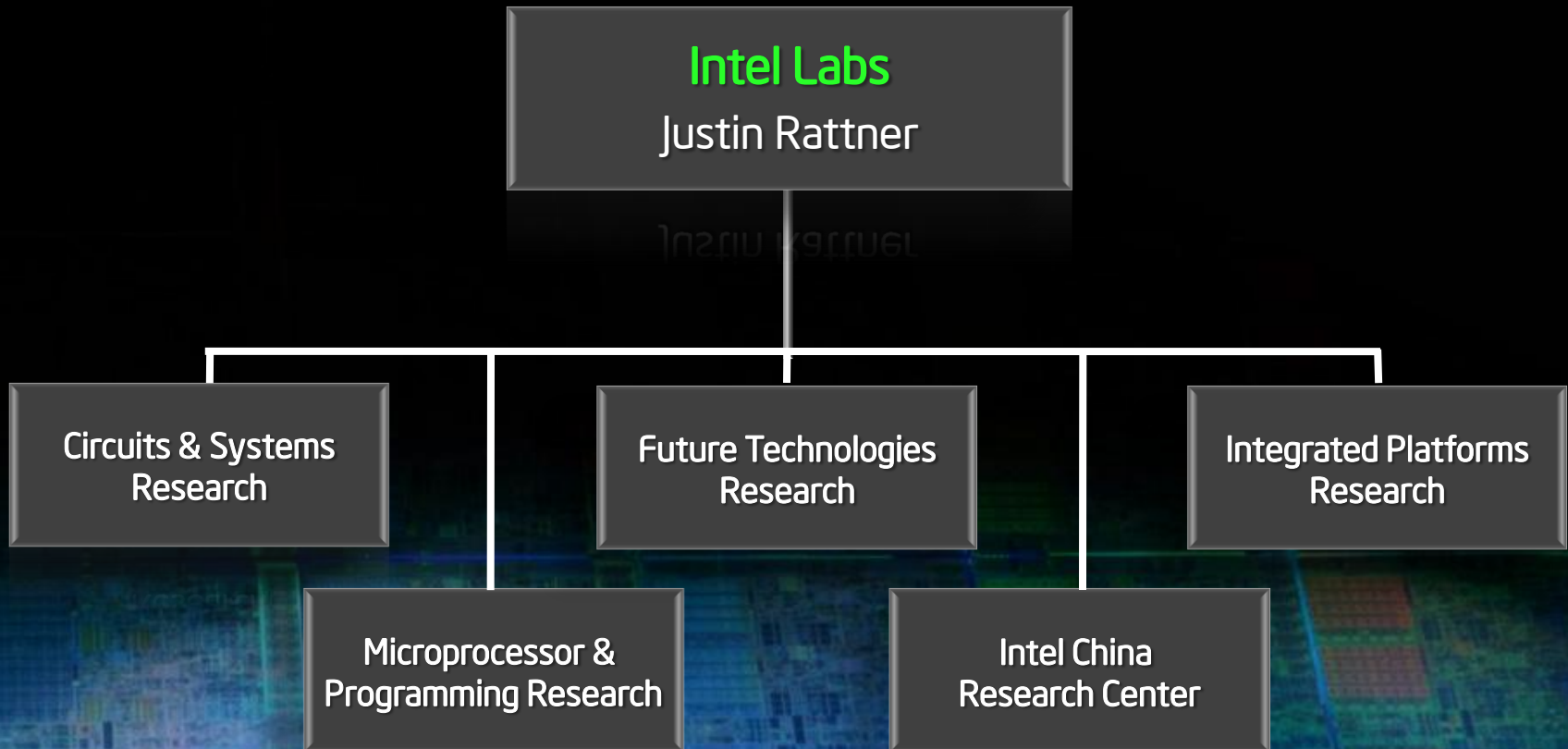
Corporate ~~Intel Labs~~ Group



Intel Labs @ Intel



New Intel Labs Organization



To *fuel Intel's growth*, we deliver *breakthrough technologies* that bring the *benefits* of the ongoing digital revolution to *everyone*.



~1000 Researchers @10 Sites Worldwide



~1000 Researchers @10 Sites Worldwide

Plus Snapshot of Academic Collaborators



Research at a Glance

People and Practices

Eco Innovation &
Energy Efficiency

Immersive Connected
Experiences

Trust and Privacy

Si Photonics

Enterprise and Cloud

Mobility and Communications

Terascale to Exascale

Health and DNA Sequencing

Everyday Sensing and
Perception

And much more.....

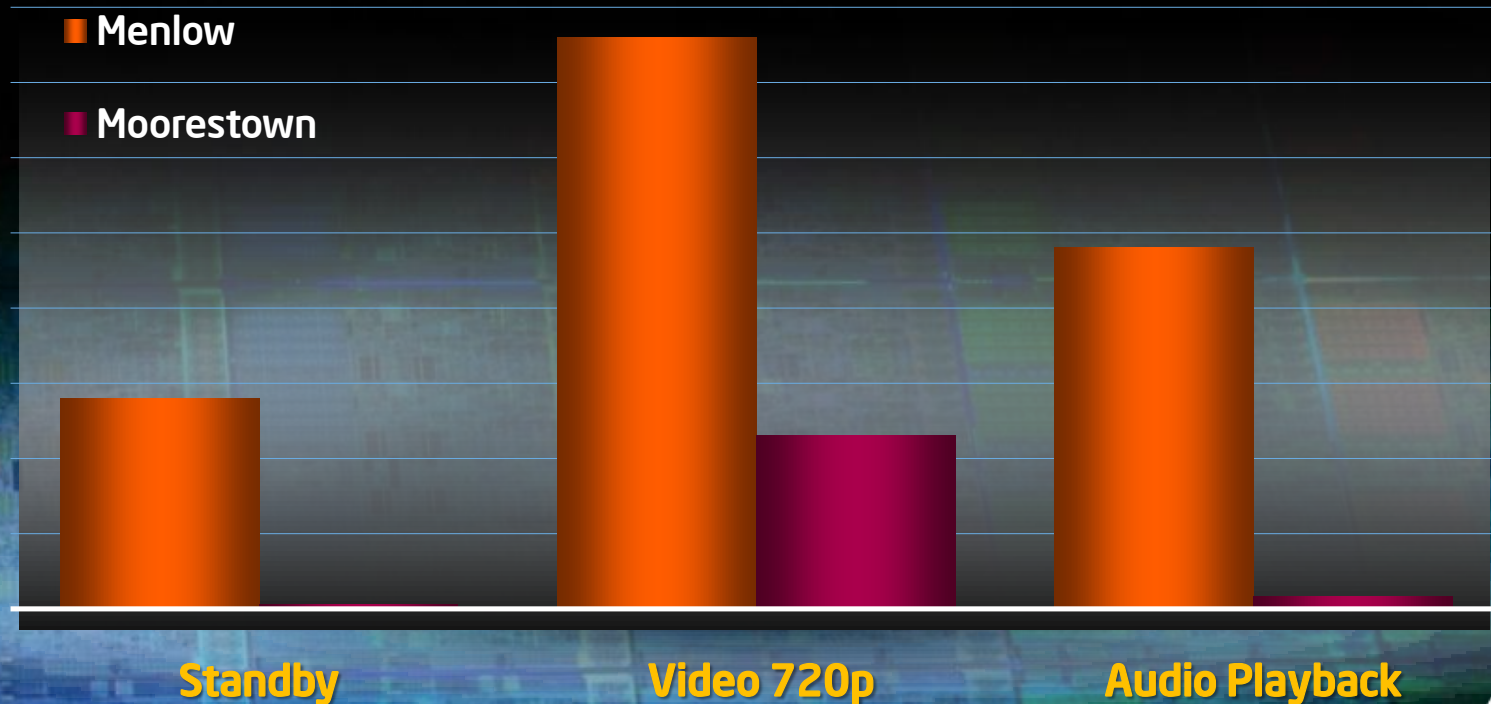
Eco Innovation and Energy Efficiency

Delivering robust platform power management solutions

Moorestown Power Reduction

Up to 50X Improvement in Moorestown Over Menlow

Power (mW) Platform Power Progression



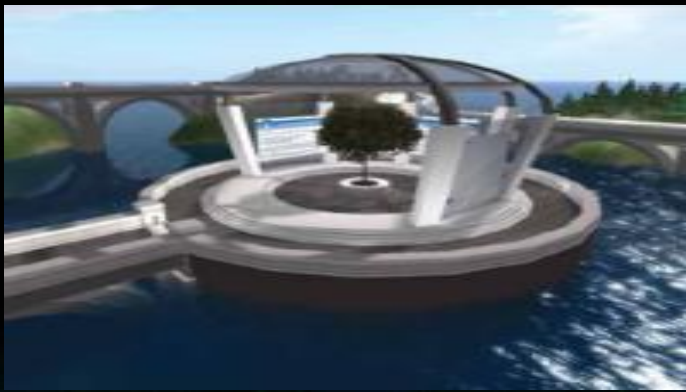
Standby: Assuming S0i3, 38mW with S0i1



Immersive Connected Experiences

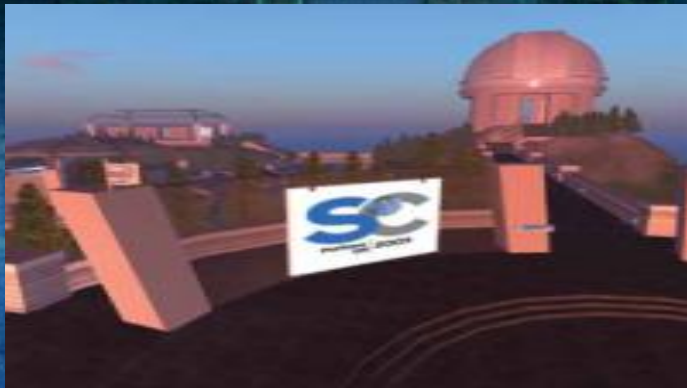
Making 3D Internet a Reality

ScienceSim.com - Prototyping the 3D Internet



Linking multiple virtual worlds for immersive scientific collaboration, visualization and education

1. A research platform
2. Based on OpenSim
3. Industry/academic collaboration
4. Featured at SuperComputing '09



New Open Collaborations

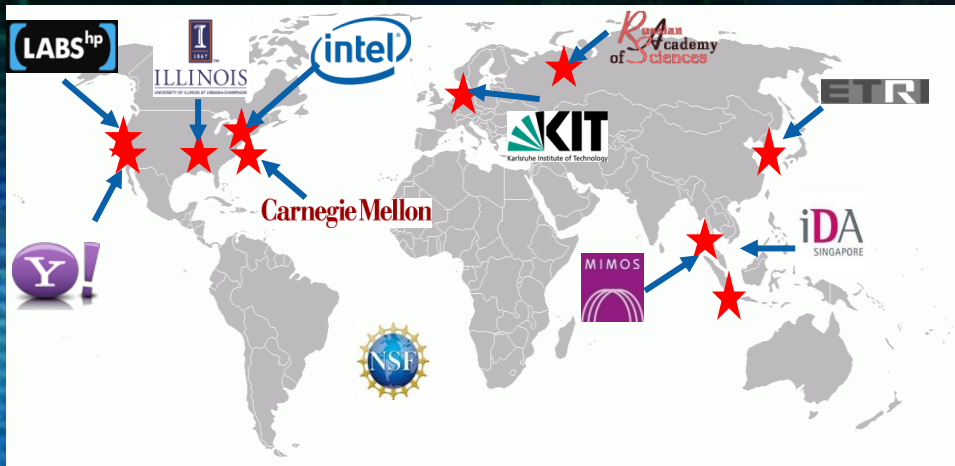
Fostering open collaborative research with academia and industry

Open Cirrus Cloud Computing Testbed

Shared research, apps, data sets,
infrastructure (11K cores)

Global services: sign on, monitoring, store.
Open src stack (prs, tashi, hadoop)

9 sites currently, target of around 20 in the
next two years.

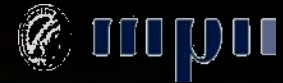


Intel Visual Computing Institute



\$12 Million
over 5 years

With Partners





MEET OUR REAL ROCK STARS

THE BODYGUARDS ARE GONE.

HERE'S YOUR CHANCE TO GET CLOSE TO
FIVE LIVING, BREATHING INTEL
VISIONARIES. ▶

SELECT A
VIDEO



STAR



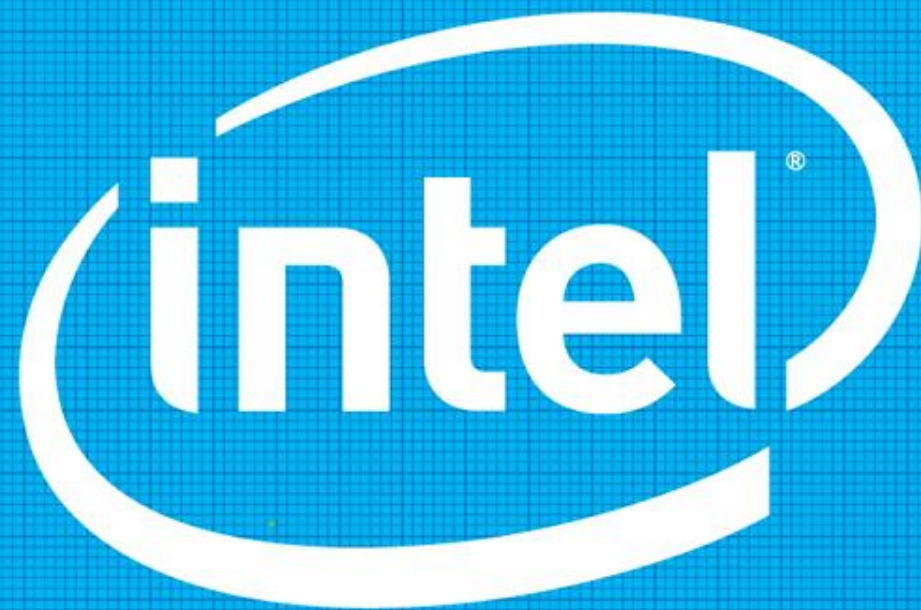
OOPS

VIRTUAL WIND TUNNEL

YOU ON TOMORROW

CLEANSUIT UP

SEE OUR VIDEOS



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