

DO YOU WANT TO CHANGE THE WORLD?

# THINK BIG! INNOVATE

and tell us by July 15



...and the opportunity of collaborating  
with the world-renowned Bell Labs

Given the dependence we increasingly have on networks, and the evolution of the digital society, there has never been a more exciting time to be undertaking research in communications networking. Who will create the new technologies to meet the communications and collaboration needs of the future?

Bell Labs, the research arm of Alcatel-Lucent, is one of the pre-eminent global research organizations. It has a rich history of solving the great challenges facing the information and communications technology (ICT) industry and 'inventing the future'. Bell Labs remains focused on that mission today, working on addressing challenges that require a '10x' improvement in the performance of networks.

Imagine you had access to the resources of Bell Labs - software, hardware, brilliant collaborators, and an environment with an unparalleled history and spirit of innovation - to explore your big ideas.

**Are you ready to invent the future?**

**Think big, and tell us how you would create it!**

We are looking for game-changing and impactful ideas that have the potential to change the way we live, work and communicate with each other.

If you have a BIG idea with the potential to make a 10x change, and if you are interested in developing your idea with leading Bell Labs researchers, you have come to the right place.

**TO APPLY, VISIT THE BELL LABS WEBSITE  
AT [WWW.BELL-LABS.COM/PRIZE](http://WWW.BELL-LABS.COM/PRIZE)**

**Bell Labs**

**Alcatel • Lucent**



# THE BELL LABS PRIZE

IMAGINE THE FUTURE AND WE WILL HELP YOU INVENT IT

Register and enter your idea in 250 words or less. If your idea is among the top 50 submissions, we will invite you to work with one of our researchers to turn your ideal into a detailed, professional proposal.

The final top 10 of you will be flown to Bell Labs to present your proposal.

Three winners will receive cash prizes and will be able to pursue the proposal from within Bell Labs - 1st prize is \$100k, 2nd Prize is \$50k and 3rd prize is \$25k.

We are looking for ideas in categories that broadly cover communications networking, such as coding, compression, cryptography, math, networks, wireless, software, sustainability, statistics, and the cloud. These are not restrictive, however, and applicants are free to indicate a different category in the application form. You can find

more details at the registration site, [www.bell-labs.com/prize](http://www.bell-labs.com/prize).

The competition submission deadline is July 15th!

#### How can you create a winning proposal?

You need to submit a proposal that stands out from others in 4 dimensions:

- **10x Innovation Potential**

How is your proposal novel?  
What has not been done before?  
What is the 'blue ocean' thinking that could result in a 10x change in performance (e.g. speed, capacity, throughput, distance, latency, cost, energy efficiency or simplicity)?

- **Technical Merit**

How technically sound is your proposal? On what current principles and capabilities does it depend? Would it require future advancements and innovations to succeed?

- **Feasibility**

Can a proof of concept, simulation or demonstration be built in the course of the competition? What is required to do so? In order to build a commercially viable (revenue and profit-generating) solution, what more would be required?

- **Business Impact**

What is the magnitude of the new ICT-related capability or business that could be created from this proposal?

How will communications change in ten years? What are the solutions to current problems in delivering and sharing data? If you think you have the answer, let us know, and maybe you will get the chance to join the scores of researches that have been recognized with Nobel prizes, Japan prizes, US National Medals of Science, Turing awards, and more.

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