COMCAST

2024 Comcast Innovation Fund

Summary of our moments and milestones
for the 2024 Operating Year

2024 Comcast Innovation Fund At-a-Glance

Background

We know that innovation defines the future of our company, our industry, and our connected world. Comcast is committed to fostering a culture of innovation that permeates every level of our business, and we've witnessed firsthand how some of the greatest breakthroughs occur when you simply give smart people the time and resources they need to innovate.

The Comcast Innovation Fund was established in 2013 to support researchers, technologists, and academics who are committed to the betterment of the Internet and the global technology and policy community.

Grants range from $3,000 for smaller projects, up to more than $100,000 for medium-term research efforts. A cross-functional team of technology and business leaders within Comcast reviews grant applications on a rolling basis and directs funding where it is most needed and can have the greatest impact.

In 2024, we funded 15 grants to researchers in 3 countries. Since the Fund's inception, Comcast has supported 218 projects from researchers in 19 countries around the world. We've been inspired by the results of this research and are committed to continuing the program into the future.

Focus on Impact

Through the Innovation Fund, we focus on small and midsized projects that may slip between the cracks of traditional research funding sources. The multidisciplinary team of subject matter experts that review applications look for research projects that move technology forward by tackling difficult problems or pioneering new approaches.

Grant Types

We fund research grants, open source development grants, or a combination of the two.

- **Research Grants** – Unrestricted grants supporting research in a range of Internet-related fields that support researchers, technologists, and academics. These grants support researchers conducting either general or targeted research projects, usually at colleges and universities.
- **Open Source Development Grants** – These grants are intended to support the creation and/or advancement of open source projects of interest to Comcast or of benefit to the Internet and broadband industries, including those that may not have immediate business value but that carry the potential for important technological development.

Grants Made by Country in 2024

Israel	01
Norway	01
USA	13

How to Apply

We accept proposals throughout the year until our annual funding has been fully committed. To apply, visit the Innovation Fund web site at https://innovationfund.comcast.com/.

Individual Grant Listing

Comcast Innovation Fund information is available at https://innovationfund.comcast.com.

Domos
Application Outcome Aware Root Cause Analysis

Dan Grois
Advanced AI Techniques for High-Quality Realistic Video Generation and Enhancement

Interactive TV Works
Interactive Case Competition

Massachusetts Institute of Technology
Real-time measurement, working latency, and decentralized networks: Emerging realities

MulticoreWare
Implementation of Reference Picture Sampling in x266Alpha Channel Support in x265

MulticoreWare
Support for Multiview HEVC and Related Tools in Open Source HEVC Encoder x265

NetForecast
User Experience Comparison of Cable, Fiber, 5G Fixed Wireless, and LEO Home Internet Services in the US and Western Europe Using AIM Data

St. Louis University
Optimizing iPerf3 for Low-Energy CPUs

NetMicroscope
Measuring Wide Area Support for Low Latency

Teklibre
NQB for CAKE

University of California Santa Barbara
Analyzing the Impact of L4S on Video Conferencing Performance over 5G Networks

University of Hawaii
Quantifying performance, usability, and privacy of MASQUE-based privacy proxies

University of Southern California
Visualizing the Internet's Latency Landscape (VILL)Traffic Analysis of Fluctuating Flows

University of Texas, at Arlington
Leveraging Malicious Telegram Communities for Identifying Emerging Cybercriminal Activities

Virginia Tech
Leveraging ML for Advanced IRR Validation: Towards a More Secure Internet Infrastructure