



2023 Comcast Innovation Fund

Summary of the Fund's Operations
for the 2023 Operating Year

2023 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 2023, we funded 14 grants to researchers in 6 countries. Since the Fund's inception, Comcast has supported 203 projects from researchers in 17 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 mid-sized 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 2022

Australia	01
Canada	01
Czechia	02
France	01
Italy	01
USA	08

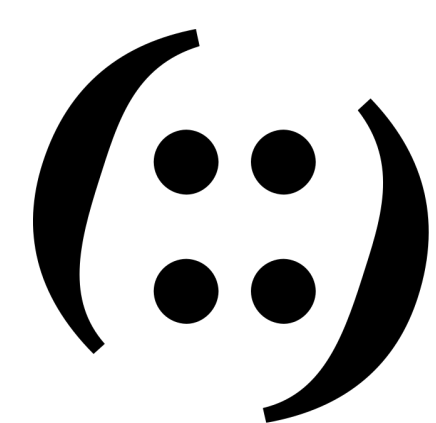
2024 Grant Focus & How to Apply

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>.



APNIC

Measurement of the Use and Performance of Client-Side Relay Services



Cardinal Peak

Low Latency Live DASH Origin Over HTTP/3



CZ.NIC

Advanced Control of Multi-Path Routes in BIRD



CZ.NIC

ASPA and AS Cones in BIRD



Northeastern University

Internet Measurements to Empirically Characterize the Digital Divide



Massachusetts Institute of Technology

Beyond the Obvious - Measuring the True Drivers of Network Performance



MulticoreWare

Alpha Channel Support in x265



Global Cyber Alliance

MyAS Observatory



Politecnico di Torino

Improving Network Monitoring Mechanisms by Exploiting Whiteness of Internet Data and Models



Sandelman Software Works

EAP Onboarding for WiFi devices



Swarthmore College

Beyond the Obvious - Measuring the True Drivers of Network Performance



University of Chicago

An Open-Source Toolkit for Spatial and Temporal Measurements of Broadband Access Networks



University of Southern California

Traffic Analysis of Fluctuating Flows



VideoLabs

AV1 Film Grain with HEVC Support in FFmpeg
