

TRACK F PORTFOLIO TRUST & AUTHENTICITY IN COMMUNICATION SYSTEMS

Modern life depends on access to communications systems that offer trustworthy and accurate information. The Convergence Accelerator is funding tools and techniques to help our nation effectively prevent, mitigate and adapt to critical threats to communication systems.



NSF's Convergence Accelerator

Accelerating Convergent Solutions For Societal Impact

The NSF Convergence Accelerator builds upon basic research and discovery to accelerate solutions toward societal impact. Using convergence research fundamentals and integration of innovation processes, the program brings together multiple disciplines, expertise, and cross-cutting partnerships to solve national-scale societal challenges.

STOP BY OUR BOOTH TO LEARN ABOUT US.

- Program model, including our innovation curriculum
- Unique differentiators
- How you can get involved in the program
- Ask questions and meet the team

BOOTH 001

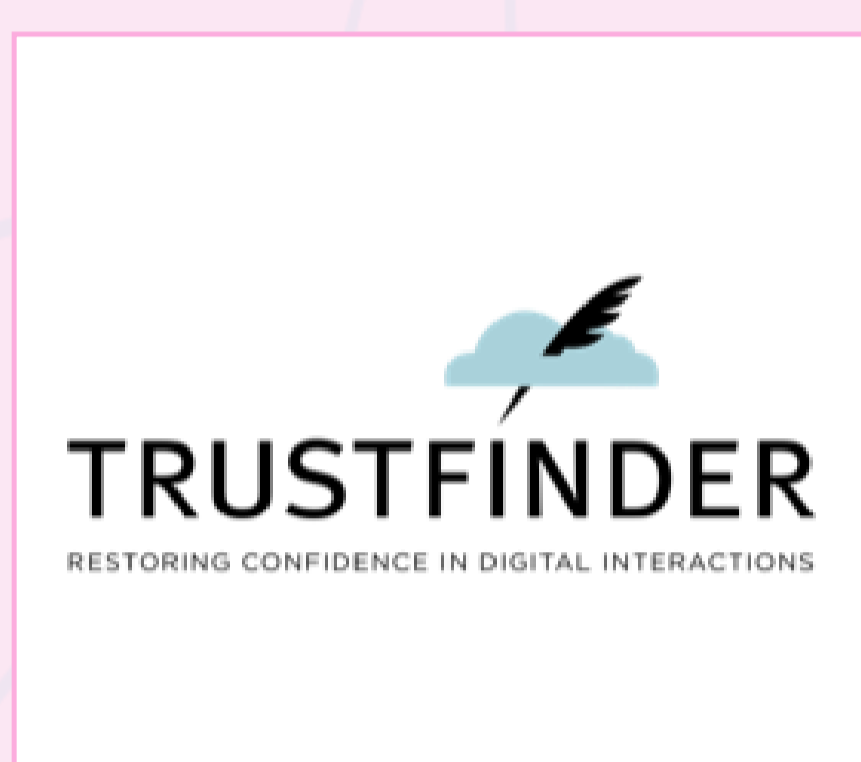


BOOTH F1

ANALYSIS AND RESPONSE TOOLKIT FOR TRUST

The ARTT Of Building Conversational Trust

Analysis and Response Toolkit for Trust (ARTT) assists online communities with building trust around controversial topics such as vaccine efficacy. Users receive helpful approaches to engage, navigate, and analyze information. The toolkit's primary resource, ARTT Guide, provides expert-informed suggestions- for analyzing information and communicating with others to build trust.



BOOTH F2

TRUSTFINDER

Restoring Confidence In Digital Interaction

People need tools to filter misinformation and find trustworthy signals in a sea of noise and data. Researchers can use TrustFinder to collaboratively de-risk information exchange by binding digitally-signed annotations to data on the web. TrustFinder empowers communities to co-create information structures, influencing systems and algorithms towards more human outcomes.



BOOTH F3

EXPERT VOICES TOGETHER

Taking Back The Internet

Expert Voices Together, or EVT, is building a rapid-response system to assist journalists, scientists, and other experts whose work is being undermined by coordinated online harassment campaigns. Modeled on best practices in trauma-informed crisis intervention, the EVT platform provides a secure environment for experts to receive support from their professional communities.



BOOTH F4

WISE DEX

Enabling Fast, Comprehensive Misinformation Enforcement

Social media companies have policies against harmful misinformation. Unfortunately, enforcement is uneven, especially for non-English content. WiseDex harnesses the wisdom of crowds and AI techniques to help flag more posts. The result is more comprehensive, equitable, and consistent enforcement, significantly reducing the spread of misinformation.



BOOTH F5

CO-DESIGNING FOR TRUST

Building Trust Through Community

Co-Designing for Trust builds community-oriented infrastructure that supports underserved communities to design, collaborate on, customize, and share digital literacy approaches. Developed by academic researchers, community organizations, libraries, journalists, and teachers, Co-Designing for Trust re-imagines literacy to provide the cognitive, social, and emotional skills necessary to respond to problematic information.



BOOTH F6

SEARCH LIT

Human Technologies For Mitigating Misinformation

Search Lit is a suite of customizable, human-centered, open-source interventions that combats misinformation by building the public's capacity at scale to sort truth from fiction online. The team brings expertise in large scale learning, ethnography, and digital search education, with partners in military, healthcare, and public libraries.



BOOTH F7

COMMUNITY CREDIT

Redesigning Finance, Together

As consumer finance moves online, so do patterns of predation and exclusion. Community Credit is a participatory action toolkit for advancing racial economic equity and fostering community engagement in banking. Partnering with credit unions and local nonprofits, the Community Credit process jumpstarts consumer-driven innovation to guide inclusive product design and digital transformation.



BOOTH F8

COURSE CORRECT

Precision Guidance Against Misinformation

Course Correct, a dynamic misinformation identification dashboard, empowers journalists to identify misinformation networks, correct misinformation within the affected networks, and test the effectiveness of corrections. Designed by mass communication, computer scientists, engineers, and social media experts, Course Correct rebuilds trust in civic institutions while helping journalists tame the misinformation tide.

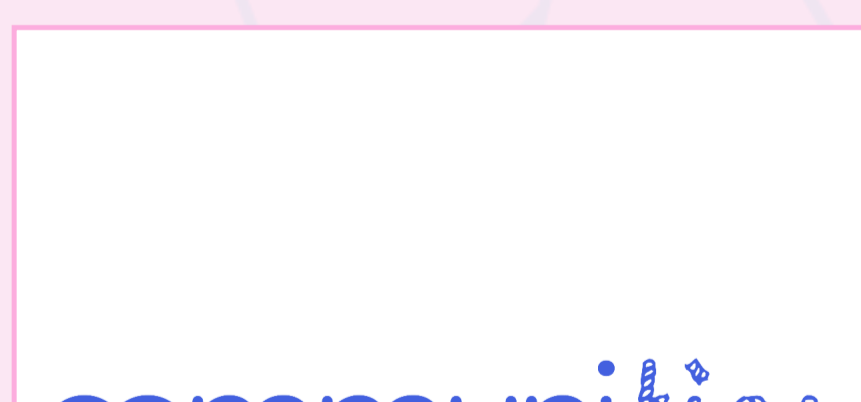


BOOTH F9

CO:CAST

Providing Credible, Actionable Sensemaking Tools

During crises, decision-makers are challenged by information overload that is often exacerbated by misinformation. CO:CAST is an AI-based system that helps decision-makers manage their information environment. CO:CAST personalizes, curates and separates credible from less credible information, presents it contextually within existing workflows, and leverages community-academic-government partnerships to mitigate misinformation impacts.



BOOTH F10

COMMUNITIES

Better Connecting Local Newsrooms With-Their Communities

Today's news outlets are not always trusted as information sources by their communities. CommuniTies is changing the dialogue around distrust of media. Using an AI network science tool, CommuniTies provides actionable insights for local newsrooms to help them build digital lines of communication with their communities, preventing the spread of misinformation and disinformation.



BOOTH F11

DART

Play, Practice, Protect Yourself

Online deception disproportionately targets seniors to disastrous effects. The Deception Awareness and Resilience Training or DART platform helps older adults recognize threats so they can protect themselves. Developed by game designers, social media researchers and security experts, DART is unique in tailoring its curriculum and using gamification to make training accessible and engaging for older adults.



BOOTH F12

CO-INSIGHTS

Fostering Community Collaboration To-Combat Misinformation

Co-Insights enables community, fact-checking, and academic organizations to collaborate and respond effectively to emerging misinformation narratives that stoke social conflict and distrust. Our easy-to-use, mobile-friendly tools allow community members to report problematic content and discover resources while cutting-edge machine learning analyzes content across the web to create valuable insights for community leaders and fact-checkers.