EXPO 2022 AGENDA

WEDNESDAY JULY 27, 2022

NSF's Convergence Accelerator

10:00 A.M. – GENERAL SESSION

WELCOME REMARKS
Shelby Smith, Communications and Outreach Lead, Convergence Accelerator, NSF

ACCELERATING CONVERGENT SOLUTIONS FOR SOCIETAL IMPACT
Douglas Maughan, Head of the Convergence Accelerator, NSF

10:45 A.M. – BREAK

11:00 A.M. – LIVE BOOTH PRESENTATIONS BEGIN

A1 OKN INFRASTRUCTURE
Open Knowledge Network Tools For Developers

A2 KNOW WHERE GRAPH
A Knowledge Graph for Environmental Intelligence Applications

B1 SKILLSYNC
Reskilling Workers At The Speed Of Business

C1 PEAQUE
Enabling Scalable Cold Atom Quantum Computing With Integrated Photonics

C2 QUANTUM SENSORS
Advanced Navigation And Sensing

D1 AI-GRID
AI-Enabled Programmable Networked Microgrids

D2 CRIPT
Bringing The Age Of Information To Polymers

D3 BURNPRO3D
Fighting Wildfires Proactively With WIFIRE Commons

E1 SEAFOOD TRACER
Seafood Sustainability From The Source

E2 CATCCH
Informed Decisions For Fishery Sustainability

E3 NEREID BIOMATERIALS
Biodegradable Plastics For Tomorrow's Ocean

E4 FUTURE BLUE
Actionable Climate Insights For The Blue Economy

E5 iCOAST
Finding Your Place In The Blue Space

E6 BLUE GAP
Bridging Communities Upstream And Downstream

E7 SPAN
Smart Aquaculture. Sustainable Future.

E8 DIGITAL REEFS
Digital Reefs At Your Fingertips

F1 ANALYSIS AND RESPONSE TOOLKIT FOR TRUST
The ARTT of Building Conversational Trust

F2 TRUSTFINDER
Restoring Confidence In Digital Interaction

F3 EXPERT VOICES TOGETHER
Taking Back The Internet

F4 WISEDEX
Enabling Fast, Comprehensive Misinformation Enforcement

F5 CO-DESIGNING FOR TRUST
Building Trust Through Community

F6 SEARCH LIT
Human Technologies For Mitigating Misinformation

12:00 P.M. – BREAK

1:00 P.M. – GENERAL SESSION CONTINUED

CONVERGENCE ACCELERATOR PANEL DISCUSSION
NSF Convergence Accelerator

1:30 P.M.

A3 URBAN FLOODING OKN
Delivering Flood Information to AnyOne, AnyTime, AnyWhere

A4 SCALES
Transforming The Accessibility And Transparency Of Federal Courts

A5 BIOMEDICAL OKN
Connecting The Dots To Advance Precision Medicine For Everyone

B2 LEARNER
Learning Environments For Augmenting Next-Gen Emergency Responders

C3 QUSTEAM
Launching An Equitable Solution To The Quantum Workforce Bottleneck

C4 QUANECQT
Quantum Networks To Connect Quantum Technology

D4 COMPUTING THE BIOME
Sensing And Predicts Biothreats With AI

D5 HYDROGEN
A Machine Learning Platform For Hydrologic Scenario Generation

D6 PRECISION EPIDEMIOLOGY
Data-Driven Disease Prevention and Control In Animal Health

E9 iCATCH
Species ID In A Snap

E10 FISH LAT
Enhancing Fisheries, Informing Offshore-Energy Decisions

E11 RECOAST
Recycling To Restore The Coast

E12 URBAN SHORELINES
Eco-Designs To Connect And Protect

E13 BACKYARD BUOYS
Locally Owned, Globally Connected, Building Resilience

E14 TIDEPOOL DIGITAL
Connecting Data For Ocean Insight

E15 MICRO2MACRO
Growing The Seaweed Economy

E16 OCEAN VISION AI
Accelerating Ocean Discovery

F7 COMMUNITY CREDIT
Redesigning Finance, Together

F8 COURSE CORRECT
Precision Guidance Against Misinformation

F9 CO:CAST
Providing Credible, Actionable Sensemaking Tools

F10 COMMUNITIES
Better Connecting Local Newsrooms With Their Communities

F11 DART
Play, Practice, Protect Yourself

F12 CO-INSIGHTS
Fostering Community Collaboration To Combat Misinformation

EXPO 2022 AGENDA

WEDNESDAY JULY 27, 2022

NSF's Convergence Accelerator

2:00 P.M.

A6 DATA2KNOWLEDGE CONSORTIUM, TRACK A INTEGRATION
IIntegrating Knowledge Across Domains To Address National Scale Challenges

B3 STEP UP, TRACK B INTEGRATION
A Strategic Approach to Securing Global Leadership and Economic Competitiveness

C5 TRACK C INTEGRATION

D7 TRACK D INTEGRATION

E1 SEAFOOD TRACER
Seafood Sustainability From The Source

E2 CATCCH
Informed Decisions For Fishery Sustainability

E3 NEREID BIOMATERIALS
Biodegradable Plastics For Tomorrow's Ocean

E4 FUTURE BLUE
Actionable Climate Insights For The Blue Economy

E5 iCOAST
Finding Your Place In The Blue Space

E6 BLUE GAP
Bridging Communities Upstream And Downstream

E7 SPAN
Smart Aquaculture. Sustainable Future.

E8 DIGITAL REEFS
Digital Reefs At Your Fingertips

F1 ANALYSIS AND RESPONSE TOOLKIT FOR TRUST
The ARTT of Building Conversational Trust

F2 TRUSTFINDER
Restoring Confidence In Digital Interaction

F3 EXPERT VOICES TOGETHER
Taking Back The Internet

F4 WISEDEX
Enabling Fast, Comprehensive Misinformation Enforcement

F5 CO-DESIGNING FOR TRUST
Building Trust Through Community

F6 SEARCH LIT
Human Technologies For Mitigating Misinformation

2:30 P.M.

A1 OKN INFRASTRUCTURE
Open Knowledge Network Tools For Developers

A2 KNOW WHERE GRAPH
A Knowledge Graph for Environmental Intelligence Applications

B1 SKILLSYNC
Reskilling Workers At The Speed Of Business

C1 PEAQUE
Enabling Scalable Cold Atom Quantum Computing With Integrated Photonics

C2 QUANTUM SENSORS
Advanced Navigation And Sensing

D1 AI-GRID
AI-Enabled Programmable Networked Microgrids

D2 CRIPT
Bringing The Age Of Information To Polymers

D3 BURNPRO3D
Fighting Wildfires Proactively With WIFIRE Commons

E9 iCATCH
Species ID In A Snap

E10 FISH LAT
Enhancing Fisheries, Informing Offshore-Energy Decisions

E11 RECOAST
Recycling To Restore The Coast

E12 URBAN SHORELINES
Eco-Designs To Connect And Protect

E13 BACKYARD BUOYS
Locally Owned, Globally Connected, Building Resilience

E14 TIDEPOOL DIGITAL
Connecting Data For Ocean Insight

E15 MICRO2MACRO
Growing The Seaweed Economy

E16 OCEAN VISION AI
Accelerating Ocean Discovery

F7 COMMUNITY CREDIT
Redesigning Finance, Together

F8 COURSE CORRECT
Precision Guidance Against Misinformation

F9 CO:CAST
Providing Credible, Actionable Sensemaking Tools

F10 COMMUNITIES
Better Connecting Local Newsrooms With-Their Communities

F11 DART
Play, Practice, Protect Yourself

F12 CO-INSIGHTS
Fostering Community Collaboration To-Combat Misinformation

3:00 P.M.

A3 URBAN FLOODING OKN
Delivering Flood Information to AnyOne, AnyTime, AnyWhere

A4 SCALES
Transforming The Accessibility And Transparency Of Federal Courts

A5 BIOMEDICAL OKN
Connecting The Dots To Advance Precision Medicine For Everyone

B2 LEARNER
Learning Environments For Augmenting Next-Gen Emergency Responders

C3 QUSTEAM
Launching An Equitable Solution To The Quantum Workforce Bottleneck

C4 QUANECQT
Quantum Networks To Connect Quantum Technology

D4 COMPUTING THE BIOME
Sensing And Predicts Biothreats With AI

D5 HYDROGEN
A Machine Learning Platform For Hydrologic Scenario Generation

D6 PRECISION EPIDEMIOLOGY
Data-Driven Disease Prevention and Control In Animal Health

3:00 P.M. CONTINUED

E1 SEAFOOD TRACER
Seafood Sustainability From The Source

E2 CATCCH
Informed Decisions For Fishery Sustainability

E3 NEREID BIOMATERIALS
Biodegradable Plastics For Tomorrow's Ocean

E4 FUTURE BLUE
Actionable Climate Insights For The Blue Economy

E5 iCOAST
Finding Your Place In The Blue Space

E6 BLUE GAP
Bridging Communities Upstream And Downstream

E7 SPAN
Smart Aquaculture. Sustainable Future.

E8 DIGITAL REEFS
Digital Reefs At Your Fingertips

F1 ANALYSIS AND RESPONSE TOOLKIT FOR TRUST
The ARTT of Building Conversational Trust

F2 TRUSTFINDER
Restoring Confidence In Digital Interaction

F3 EXPERT VOICES TOGETHER
Taking Back The Internet

F4 WISEDEX
Enabling Fast, Comprehensive Misinformation Enforcement

F5 CO-DESIGNING FOR TRUST
Building Trust Through Community

F6 SEARCH LIT
Human Technologies For Mitigating Misinformation

3:30 P.M.

A1 OKN INFRASTRUCTURE
Open Knowledge Network Tools For Developers

A2 KNOW WHERE GRAPH
A Knowledge Graph for Environmental Intelligence Applications

B1 SKILLSYNC
Reskilling Workers At The Speed Of Business

C1 PEAQUE
Enabling Scalable Cold Atom Quantum Computing With Integrated Photonics

C2 QUANTUM SENSORS
Advanced Navigation And Sensing

D1 AI-GRID
AI-Enabled Programmable Networked Microgrids

D2 CRIPT
Bringing The Age Of Information To Polymers

D3 BURNPRO3D
Fighting Wildfires Proactively With WIFIRE Commons

END OF DAY 1

National Science Foundation
Convergence Accelerator

EXPO 2022 AGENDA

THURSDAY JULY 28, 2022

NSF's Convergence Accelerator

10:00 A.M. – GENERAL SESSION

WELCOMING REMARKS
Douglas Maughan, Head of the Convergence Accelerator, NSF

MEET NSF'S DIRECTORATE OF TECHNOLOGY, INNOVATION AND PARTNERSHIPS
Erwin Gianchandani, Assistant Director for Technology, Innovation and Partnerships, NSF

10:45 A.M. – BREAK

11:00 A.M. – LIVE BOOTH PRESENTATIONS BEGIN

A3 URBAN FLOODING OKN
Delivering Flood Information to AnyOne, AnyTime, AnyWhere

A4 SCALES
Transforming The Accessibility And Transparency Of Federal Courts

A5 BIOMEDICAL OKN
Connecting The Dots To Advance Precision Medicine For Everyone

B2 LEARNER
Learning Environments For Augmenting Next-Gen Emergency Responders

C3 QUSTEAM
Launching An Equitable Solution To The Quantum Workforce Bottleneck

C4 QUANECQT
Quantum Networks To Connect Quantum Technology

D4 COMPUTING THE BIOME
Sensing And Predicts Biothreats With AI

D5 HYDROGEN
A Machine Learning Platform For Hydrologic Scenario Generation

D6 PRECISION EPIDEMIOLOGY
Data-Driven Disease Prevention and Control In Animal Health

E9 iCATCH
Species ID In A Snap

E10 FISH LAT
Enhancing Fisheries, Informing Offshore-Energy Decisions

E11 RECOAST
Recycling To Restore The Coast

E12 URBAN SHORELINES
Eco-Designs To Connect And Protect

E13 BACKYARD BUOYS
Locally Owned, Globally Connected, Building Resilience

E14 TIDEPOOL DIGITAL
Connecting Data For Ocean Insight

E15 MICRO2MACRO
Growing The Seaweed Economy

E16 OCEAN VISION AI
Accelerating Ocean Discovery

F7 COMMUNITY CREDIT
Redesigning Finance, Together

F8 COURSE CORRECT
Precision Guidance Against Misinformation

F9 CO:CAST
Providing Credible, Actionable Sensemaking Tools

F10 COMMUNITIES
Better Connecting Local Newsrooms With Their Communities

F11 DART
Play, Practice, Protect Yourself

F12 CO-INSIGHTS
Fostering Community Collaboration To Combat Misinformation

12:00 P.M. – BREAK

1:00 P.M. – PANEL DISCUSSION

CONVERGENCE ACCELERATOR PANEL DISCUSSION

1:30 P.M.

A1 OKN INFRASTRUCTURE
Open Knowledge Network Tools For Developers

A2 KNOW WHERE GRAPH
A Knowledge Graph for Environmental Intelligence Applications

B1 SKILLSYNC
Reskilling Workers At The Speed Of Business

C1 PEAQUE
Enabling Scalable Cold Atom Quantum Computing With Integrated Photonics

C2 QUANTUM SENSORS
Advanced Navigation And Sensing

D1 AI-GRID
AI-Enabled Programmable Networked Microgrids

D2 CRIPT
Bringing The Age Of Information To Polymers

D3 BURNPRO3D
Fighting Wildfires Proactively With WIFIRE Commons

E1 SEAFOOD TRACER
Seafood Sustainability From The Source

E2 CATCCH
Informed Decisions For Fishery Sustainability

E3 NEREID BIOMATERIALS
Biodegradable Plastics For Tomorrow's Ocean

E4 FUTURE BLUE
Actionable Climate Insights For The Blue Economy

E5 iCOAST
Finding Your Place In The Blue Space

E6 BLUE GAP
Bridging Communities Upstream And Downstream

E7 SPAN
Smart Aquaculture. Sustainable Future.

E8 DIGITAL REEFS
Digital Reefs At Your Fingertips

F1 ANALYSIS AND RESPONSE TOOLKIT FOR TRUST
The ARTT of Building Conversational Trust

F2 TRUSTFINDER
Restoring Confidence In Digital Interaction

F3 EXPERT VOICES TOGETHER
Taking Back The Internet

F4 WISEDEX
Enabling Fast, Comprehensive Misinformation Enforcement

F5 CO-DESIGNING FOR TRUST
Building Trust Through Community

F6 SEARCH LIT
Human Technologies For Mitigating Misinformation

EXPO 2022 AGENDA

THURSDAY JULY 28, 2022

NSF's Convergence Accelerator

2:00 P.M.

A6 DATA2KNOWLEDGE CONSORTIUM, TRACK A INTEGRATION
IIntegrating Knowledge Across Domains To Address National Scale Challenges

B3 STEP UP, TRACK B INTEGRATION
A Strategic Approach to Securing Global Leadership and Economic Competitiveness

C5 TRACK C INTEGRATION

D7 TRACK D INTEGRATION

E9 iCATCH
Species ID In A Snap

E10 FISH LAT
Enhancing Fisheries, Informing Offshore-Energy Decisions

E11 RECOAST
Recycling To Restore The Coast

E12 URBAN SHORELINES
Eco-Designs To Connect And Protect

E13 BACKYARD BUOYS
Locally Owned, Globally Connected, Building Resilience

E14 TIDEPOOL DIGITAL
Connecting Data For Ocean Insight

E15 MICRO2MACRO
Growing The Seaweed Economy

E16 OCEAN VISION AI
Accelerating Ocean Discovery

F7 COMMUNITY CREDIT
Redesigning Finance, Together

F8 COURSE CORRECT
Precision Guidance Against Misinformation

F9 CO:CAST
Providing Credible, Actionable Sensemaking Tools

F10 COMMUNITIES
Better Connecting Local Newsrooms With Their Communities

F11 DART
Play, Practice, Protect Yourself

F12 CO·INSIGHTS
Fostering Community Collaboration To-Combat Misinformation

2:30 P.M.

A3 URBAN FLOODING OKN
Delivering Flood Information to AnyOne, AnyTime, Anywhere

A4 SCALES
Transforming The Accessibility And Transparency Of Federal Courts

A5 BIOMEDICAL OKN
Connecting The Dots To Advance Precision Medicine For Everyone

B2 LEARNER
Learning Environments For Augmenting Next-Gen Emergency Responders

C3 QUSTEAM
Launching An Equitable Solution To The Quantum Workforce Bottleneck

C4 QUANECQT
Quantum Networks To Connect Quantum Technology

D4 COMPUTING THE BIOME
Sensing And Predicts Biothreats With AI

D5 HYDROGEN
A Machine Learning Platform For Hydrologic Scenario Generation

D6 PRECISION EPIDEMIOLOGY
Data-Driven Disease Prevention and Control In Animal Health

E1 SEAFOOD TRACER
Seafood Sustainability From The Source

E2 CATCCH
Informed Decisions For Fishery Sustainability

E3 NEREID BIOMATERIALS
Biodegradable Plastics For Tomorrow's Ocean

E4 FUTURE BLUE
Actionable Climate Insights For The Blue Economy

E5 iCOAST
Finding Your Place In The Blue Space

E6 BLUE GAP
Bridging Communities Upstream And Downstream

E7 SPAN
Smart Aquaculture. Sustainable Future.

E8 DIGITAL REEFS
Digital Reefs At Your Fingertips

F1 ANALYSIS AND RESPONSE TOOLKIT FOR TRUST
The ARTT of Building Conversational Trust

F2 TRUSTFINDER
Restoring Confidence In Digital Interaction

F3 EXPERT VOICES TOGETHER
Taking Back The Internet

F4 WISEDEX
Enabling Fast, Comprehensive Misinformation Enforcement

F5 CO-DESIGNING FOR TRUST
Building Trust Through Community

F6 SEARCH LIT
Human Technologies For Mitigating Misinformation

3:00 P.M.

A1 OKN INFRASTRUCTURE
Open Knowledge Network Tools For Developers

A2 KNOW WHERE GRAPH
A Knowledge Graph for Environmental Intelligence Applications

B1 SKILLSYNC
Reskilling Workers At The Speed Of Business

C1 PEAQUE
Enabling Scalable Cold Atom Quantum Computing With Integrated Photonics

C2 QUANTUM SENSORS
Advanced Navigation And Sensing

D1 AI-GRID
AI-Enabled Programmable Networked Microgrids

D2 CRIPT
Bringing The Age Of Information To Polymers

D3 BURNPRO3D
Fighting Wildfires Proactively With WIFIRE Commons

NSF's Convergence Accelerator

3:00 P.M. CONTINUED

E9 iCATCH
Species ID In A Snap

E10 FISH LAT
Enhancing Fisheries, Informing Offshore-Energy Decisions

E11 RECOAST
Recycling To Restore The Coast

E12 URBAN SHORELINES
Eco-Designs To Connect And Protect

E13 BACKYARD BUOYS
Locally Owned, Globally Connected, Building Resilience

E14 TIDEPOOL DIGITAL
Connecting Data For Ocean Insight

E15 MICRO2MACRO
Growing The Seaweed Economy

E16 OCEAN VISION AI
Accelerating Ocean Discovery

F7 COMMUNITY CREDIT
Redesigning Finance, Together

F8 COURSE CORRECT
Precision Guidance Against Misinformation

F9 CO:CAST
Providing Credible, Actionable Sensemaking Tools

F10 COMMUNITIES
Better Connecting Local Newsrooms With-Their Communities

F11 DART
Play, Practice, Protect Yourself

F12 CO·INSIGHTS
Fostering Community Collaboration To-Combat Misinformation

3:30 P.M.

A3 URBAN FLOODING OKN
Delivering Flood Information to AnyOne, AnyTime, AnyWhere

A4 SCALES
Transforming The Accessibility And Transparency Of Federal Courts

A5 BIOMEDICAL OKN
Connecting The Dots To Advance Precision Medicine For Everyone

B2 LEARNER
Learning Environments For Augmenting Next-Gen Emergency Responders

C3 QUSTEAM
Launching An Equitable Solution To The Quantum Workforce Bottleneck

C4 QUANECQT
Quantum Networks To Connect Quantum Technology

D4 COMPUTING THE BIOME
Sensing And Predicts Biothreats With AI

D5 HYDROGEN
A Machine Learning Platform For Hydrologic Scenario Generation

D6 PRECISION EPIDEMIOLOGY
Data-Driven Disease Prevention and Control In Animal Health

END OF EXPO 2022

THANK YOU FOR VISITING EXPO 2022

Hosted by the National Science Foundation (NSF) Convergence Accelerator, this exciting virtual exhibition event is your chance to check out novel solutions across six convergence research topics addressing national-scale societal challenges.

During the event you will have the opportunity to connect with NSF-funded Convergence Accelerator research teams including viewing live presentations and solution demos. You may also network with other researchers, innovators, and business and technical practitioners from academia, industry, government, nonprofit, and other communities of practice.

NSF's Convergence Accelerator