



CALIT2

UC RIVERSIDE CALIT2 LAUNCH WORKSHOP

FRIDAY, FEBRUARY 21, 2025
UC RIVERSIDE ALUMNI & VISITORS CENTER

ACKNOWLEDGMENTS

UCR CALIT2 extends our sincerest gratitude and appreciation to the UCR Research and Development staff and all the moderators, speakers, and participants who made this launch workshop possible.

This will be an interactive workshop featuring keynote talks and fireside chats for a landmark celebration of innovation, collaboration, and scientific progress as UC Riverside joins the [CalIT2](#) consortium and we mark 25 years of the California Institute for Telecommunications and Information Technology (CalIT2).



AGENDA

SESSION DETAILS
8:30 AM - 9:15 AM CHECK-IN
9:15 AM - 10:00 AM OPENING REMARKS Shane A. Cybart , Director of UC Riverside CalIT2, UC Riverside Rodolfo H. Torres , Vice Chancellor for Research and Economic Development, UC Riverside Treylynd Bradley , Deputy Director for Innovation & Emerging Technologies, California Governor's Office of Business and Economic Development Kathleen Erwin , Executive Director, Research Grants Program Office at University of California, Office of the President
10:00 AM - 10:50 PM FIRESIDE CHAT - CalIT2 and CA Institutes for Science and Innovation <i>This panel will discuss the beginnings of the CalIT2 program.</i> Robert C. Dynes , President Emeritus, UC Ramesh Rao , Director of The Qualcomm Institute, UC San Diego Guann Pyng Li , Director of UC Irvine CalIT2, UC Irvine Larry Smarr , Founding Director of CalIT2, UC San Diego Moderated by Shane A. Cybart , Director of UC Riverside CalIT2, UC Riverside
10:50 PM - 11:10 PM — BREAK

AGENDA

SESSION DETAILS

11:10 AM - 12:00 AM

TECHNICAL SEMINAR

Michael A McKibben, Associate Professor Emeritus of Geology, UC Riverside
The Promise and Perils of Recovering Critical Minerals from Lithium Valley's Geothermal Brines

Glenn Healey, Professor of Electrical Engineering and Computer Science, UC Irvine
Spectral Imaging for Wildfire Prevention/Mitigation and Air Quality Assessment

12:00 PM - 1:30 PM — LUNCH

REMARKS GIVEN BY

Governor Gray Davis, Founder of Institutes for Science and Innovation

1:30 PM - 2:45 PM

TECHNICAL SEMINAR

Sean Cutler, Distinguished Professor of Botany and Plant Sciences, UC Riverside
Programmable Plants: Engineering Chemically Regulated Switches for Dynamic Control of Plant Phenotypes

Ivan Schuller, Professor of Physics, UC San Diego
Neuromorphic Computing

Samuel P. Benz, Senior Scientist, National Institute of Standards and Technology
Quantum-Based Superconducting Electronics: Advancing Energy Efficiency and Workforce Development

AGENDA

SESSION DETAILS

2:45 PM - 3:30 PM

FIRESIDE CHAT - CalIT2: Future Innovations and Partnerships in Research

This panel will discuss the future of the CalIT2 program.

Matthew Gunkel, Associate Vice Chancellor and Chief Information Officer, UC Riverside

Glenn Healey, Professor of Electrical Engineering and Computer Science, UC Irvine

Elia Scudiero, Associate Research Agronomist of Environmental Sciences, UC Riverside

Shane A. Cybart, Director of UC Riverside CalIT2, UC Riverside

Moderated by Ramesh Rao, Director of The Qualcomm Institute, UC San Diego

3:30 PM - 3:50 PM — COFFEE BREAK

3:50 PM - 4:00 PM

CLOSING REMARKS

Shane A. Cybart, Director of UC Riverside CalIT2, UC Riverside

3:50 PM - 4:00 PM

FACILITY TOURS BY CalIT2 STAFF