

# Save the Date!

# 2023

International Forum  
on Research Excellence  
Nov. 9–12, 2023

Long Beach, California



For inclusion on mailing list: [meetings@sigmaxi.org](mailto:meetings@sigmaxi.org)

For organizers: [mariasigmaxi@gmail.com](mailto:mariasigmaxi@gmail.com)

Abstracts due: June 30, 2023

Three-page summary due: August 30, 2023

## Theme: Vision for Ethical Research Models

**Research:** Scientists, engineers, ethicists, students, and science communicators are invited to submit abstracts for sessions to address their vision on data collection, model building and verification, and evaluation of the credibility and benefits of scientific results and associated metrics. Using optical sciences in general, and vision systems in particular, the scientific objectivity and ethics must be seen clearly by all stakeholders in a society, from citizens to researchers. The interdisciplinarity of acquisition of knowledge in the 21<sup>st</sup> century is emphasized.

**Tutorials:** The Southern California chapter of Sigma Xi will hold a series of tutorial sessions to orient and empower young and future scientists and engineers, including under-represented minorities, to function in a continually demanding work and life environment, while maintaining their allegiance to the core values of excellence, integrity, and companionship. In 2023, we will focus on our doctoral candidates who will be making choices among academic, industrial, non-profit, and government careers.

### Expected Tracks:

- **Excellence in Research**, including ethics, open science, and interdisciplinary considerations
- **Research Impacts**, with an emphasis on science communication that enlightens citizens and politicians, while guiding science policy, civic science, and entrepreneurship
- **Excellence in STEM Education**, as a prerequisite for social mobility and establishment of a thinking polis, starting with K-12 education.

### Plus:

- **Student Summit**
- **#SciCommSunday**
- **STEM Art & Film Festival**

