



CALL FOR PAPERS

ICAVSE 2022
Mar 04-05, 2022
Rome, Italy

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICAVSE 2022 : International Conference on Advanced Vision Science and Engineering is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Advanced Vision Science and Engineering. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Vision science

Visual information processing of human and non-human organisms

Conscious visual perception

Visual perception for effective communication

Vision science and artificial systems

Ophthalmology, optometry, and neurosciences

Psychology (sensation and perception psychology, cognitive psychology, biopsychology, psychophysics, and neuropsychology)

Optics

Computer science (computer vision, artificial intelligence, and computer graphics)

Data visualization, user interface design, human factors and ergonomics

The interaction of light and matter

How material surfaces are formed and deformed

Human perception

Lightness, color, and transparency

Gloss, texture, and other complex properties

Computer vision

Texture analysis and synthesis

Separation of illumination and reflectance

Computer graphics

Simple parametric models for reflectance

Image based rendering of materials

Weathering and distressing