

tween the universities of the various countries with the idea of cooperating with these organizations and of bringing about such exchanges among professors of chemistry.

J. E. ZANETTI

SCIENTIFIC EVENTS

THE OPTICAL SOCIETY OF AMERICA

THE Eighth Annual Meeting of the Optical Society of America will be held at Cleveland, Ohio, Thursday, Friday and Saturday, October 25, 26 and 27. Hotel headquarters will be at the Hotel Cleveland. All sessions for the reading of papers will be held in Room 86, Physics Building, Case School of Applied Science, and are open to all persons interested in optics.

The address of the retiring president, Dr. Leonard T. Troland, will be on "The Optics of the Nervous System." Professor A. A. Michelson will read, by invitation, a paper on "The Limit of Accuracy in Optical Measurement," and Mr. Frederic Allen Whiting, director of the Cleveland Museum of Art, will address the Society on "The Optical Problems of an Art Museum." Mr. M. Luckiesh and Mr. A. H. Taylor, of the Nela Laboratory of Applied Science, will give a demonstration of new apparatus for the projection of mobile colored patterns. There will be a full program of contributed papers and committee reports, on general optics, vision, colorimetry, photometry, spectroscopy and instruments.

Arrangements are being made for visits to: The Nela Research Laboratories, The National Lamp Works, Warner and Swasey and The Cleveland Museum of Art.

The advance program containing abstracts of papers will be mailed to all members about October 5 or 10. In so far as the number of copies available may permit, it will also be mailed to others on request, addressed to the secretary, Irwin G. Priest, Bureau of Standards, Washington, D. C.

Since there are other large conventions in Cleveland at the same time, hotels are likely to be crowded, and members and others expecting to attend are advised to make their hotel reservations at once. Dr. W. E. Forsythe, Nela Research Laboratories, Nela Park, Cleveland, is chairman of the Local Committee on Arrangements for the meeting.

IRWIN G. PRIEST,
Secretary

EXPLORATION OF SAN JUAN COUNTY, UTAH

AN expedition sent out by the National Geographic Society, which has been assembling its personnel and equipment at Gallup, New Mexico, started on Septem-

ber 17 for a reconnaissance of the San Juan country of southeastern Utah, hitherto unexplored.

Leaving Gallup the party used automobiles, carrying its supply of gasoline in drums to Kayenta, Arizona, and then planned to travel on horseback across the Utah line into a land of knife edge canyons, bold buttes and green-topped mesas until the pack animals encounter impassable barriers. Then it will proceed on foot.

The expedition will attempt a preliminary survey of the region between the Colorado and San Juan rivers, much of it never traversed by white men, which constitutes one of the largest unexplored areas in the country. The area of observation lies within San Juan County, a county which is larger than the State of New Jersey.

Dr. Neil M. Judd, archeologist, of Washington, leader of the National Geographic Society expeditions which excavated and studied the pre-Columbian communal dwellings of Chaco Canyon, New Mexico, heads the Utah expedition. Accompanying Dr. Judd is Edwin L. Wisherd, a staff photographer of the society, and a party of assistants and guides.

Dr. Judd's primary attention, on his reconnaissance, will be to determine whether the cliff dwellings and skeletal remains, the traces of pottery, basketry and cliff inscriptions believed to abound will justify other larger expeditions of the society which shall include experts in every phase of scientific inquiry which the area warrants.

Evidence of the outskirts points to cave dwellers, as well as cliff dwellers in this territory, for early Indians seem to have found shelter in the egg-shaped and shell-smooth caves of the vari-colored rock.

The fantastic beauty of this rugged desert, with its red rock gashes, its ever-changing color, and gargoyle promontories offers exceptional photographic opportunities; and it is possible that an incidental result of the trip will be the finding of such other spectacles as the natural bridges and rocky spires which occur in contiguous areas.

A NEW WILD LIFE PRESERVE

THAT many of our handsomest and most desirable native plants are becoming increasingly scarcer has been a matter of observation for many years. In a number of localities such exquisite plants as rhododendron, arbutus, fringed gentian, lady's slipper and various species of wild lilies have become practically extinct due to cultivation, grazing, drainage, lumbering and the promiscuous picking of flowers. One of the remedies frequently suggested by plant conservationists is the establishment of wild-life sanctuaries or preserves in which the endangered species can grow without molestation.

The efforts of the conservationists seem to be bear-