SPECIAL LECTURES

NYS Police Building

Saturday, March 18 & Sunday 19, 2023 from 1:00 PM to 1:30 PM

Fluorescent Minerals of Northern New York

Presented by Dino Zack, P.G., Senior Geologist/Project Manager, AECOM Technical Services, Inc.

Approximately 4,000 different mineral species have been identified at this time. Over 500 of them are known to fluoresce visibly in some specimens. Dino Zack will discuss the various types of luminescence with a detailed explanation of mineral fluorescence. Fluorescent rock and mineral specimens from Northern New York State, as well as world-renowned locations, will be on display and used to demonstrate the many types of luminescence including fluorescence, phosphorescence, triboluminescence, thermoluminescence, and tenebrescence. Whether you are a novice, an expert, or just curious about fluorescent minerals, you will find this presentation very enlightening!

Saturday, March 18 & Sunday 19, 2023, from 4:00 PM to 4:30 PM

Geoscientists – Caretakers of the Earth's Resources and Environment

Presented by Dino Zack, P.G., Senior Geologist/Project Manager, AECOM Technical Services, Inc.

Dino Zack, PG will discuss the meaning of STEM and the importance of a STEM education. Most STEM jobs are in high demand but suffer from a lack of qualified candidates; several examples of career possibilities in geology will be presented, along with a description of the day to day work of an environmental geologist. This presentation is geared toward students from elementary to college level.