

Atlas Online Weathering Academy

Advanced Online Seminars



Continuing Atlas' long tradition of providing weathering related seminars and workshops for our clients, the Atlas Client Education Team has developed online seminars on relevant topics and applications. These seminars will broadcast at different dates and times. Each seminar will be followed by a question-and answer session.

Seminar Programs

■ Consumer Electronics Photostability and Weatherability Testing

Modern consumer electronic contain a multitude of organic and polymeric components, ranging from seals, housings and covers to active components like liquid crystals and OLEDs. Those components can degrade or alter functionality by the influences of the environment, especially by solar radiation (natural or artificial), heat and moisture. This online seminar addresses these effects and provides information and methods how these issues can be tested during product development.

Wednesday Oct 18, 13:00-14:00 UTC
Thursday Nov 16, 16:00-17:00 UTC

■ Hot-Light Fastness Testing

Automotive interior materials face extreme climatic conditions. Degradation can be caused by solar radiation (filtered by the cabin glass) under extremely hot temperatures. These extreme environments require special test conditions. Standards like ISO 105-B06 or SAE 2412 or OEM specifications define in more detail the temperature conditions and the optical filters required for Xenon-arc test instruments. This so-called hot-light fastness testing is addressed in detail in this online seminar.

Thursday Oct 19, 12:00-13:00 UTC
Wednesday Nov 29, 16:00-17:00 UTC

■ Weathering of Automotive and Transportation Coatings

This online seminar addresses test methods for automotive exterior materials, especially automotive coatings. The background and the motivation leading to the development of the new test standard ASTM D7869 "Standard Practice for Xenon Arc Exposure Test with Enhanced Light and Water Exposure for Transportation Coatings" will be in focus.

Wednesday Oct 25, 12:00-13:00 UTC
Thursday Nov 09, 16:00-17:00 UTC

■ Lightfastness Testing of Food and Beverages

Food and beverages can degrade by factors of the environment including natural solar radiation, but also by artificial light sources (Store-Light). These factors are often limiting the "shelf-life" of a product. This online seminar addresses special weathering and lightfastness test methods for the food and beverage industry, including testing of the product and its packaging, but also how the packing can protect the content from those environmental factors.

Thursday Oct 26, 16:00-17:00 UTC
Tuesday Dec 05, 13:00-14:00 UTC

■ Textile Testing: Colorfastness to Light

This seminar addresses the principles of natural and artificial lightfastness testing techniques for textiles. The purpose of reference materials for testing, evaluation and rating is explained. Examples are given on the most common test methods for textiles for interior (AATCC TM16, ISO 105 B02, Company specifications) and exterior applications (ISO 105 B04 and B10).

Thursday Nov 02, 08:00-09:00 UTC
Tuesday Nov 21, 13:00-14:00 UTC

Registration: Attendance to the seminars is **free!** To register, simply click on the appropriate dates for each seminar you wish to attend in order to complete your registration for that event. Once you complete your registration(s), you will then receive e-mail confirmation(s) for your attendance.