



Atlas Webinars

CLIENT EDUCATION ONLINE

Now from the convenience of your desktop, you are able to continue your weathering education and learn more about the factors of weathering testing. Knowing how to perform weathering tests is just the beginning. It is important to know the impact of each factor of weathering, how to analyze results, how to modify procedures and how to design test methods for yourself.

2008 Webinar Topics

[Correlation Between Natural and Artificial Weathering](#)

[Industry Standards: Learn How They Apply to Your Weathering Testing](#)

[Pharmaceutical Photostability Testing: Small and Large Molecules According to ICH Guidelines](#)

[Photodegradation and Stabilization Mechanisms of Polymers](#)

[Successful Weathering Testing](#)

[Status of Current Weather Durability Testing of Photovoltaics: An Assessment of Where We Are, and Where We Need to Go](#)

[The Factors of Weather and Weathering Testing of Polymers](#)

[Understanding the Relation of Reliability, Durability, and Weatherability](#)

[Weathering Design of Experiments \(Weathering DOEs\)](#)

Schedule

Status of Current Weather Durability Testing of Photovoltaics: An Assessment of Where We Are, and Where We Need to Go

The rekindled worldwide interest in Renewable Energy Technologies has also sparked a refocus on the methodologies that are meant to test the weather durability of photovoltaics, for example. This webinar will conduct an overview of the various existing methods, discuss their suitability for their stated purposes and suggest ways in which they may be improved for future application.

Kurt Scott
Director of Research and Development

Cost: Free

Webinar Dates

Thursday, December 11, 2008 - 9:00 AM CST | 3:00 PM GMT

Thursday, January 08, 2009 - 9:00 AM CST | 3:00 PM GMT

Thursday, February 19, 2009 - 9:00 AM CST | 3:00 PM GMT

The Factors of Weather and Weathering Testing of Polymers

Environmental stresses impact the lifetime of polymeric materials with various importance. This webinar will review the effect of the main factors of weather on polymers, and give an overview of the state-of-the-art techniques available to reproduce these effects.

Dr. Olivier Haillant
Consultant - Weathering Science

Cost: Free

Webinar Dates

Wednesday, January 14, 2009 - 9:00 AM CST | 3:00 PM GMT

Wednesday, April 22, 2009 - 9:00 AM CDT | 2:00 PM GMT

Successful Weathering Testing

Weathering tests are comparatively time consuming. Optimizing them will therefore save a great deal of time and costs. In this webinar you will learn how four key factors - equipment, test method, evaluation, and weathering processes - determine the success of a weathering test program.

Andreas Riedl
Global Manager - Consulting Services

Cost: Free

Webinar Dates

Wednesday, January 28, 2009 - 9:00 AM CST | 3:00 PM GMT

Wednesday, April 29, 2009 - 9:00 AM CDT | 2:00 PM GMT

Understanding the Relation of Reliability, Durability, and Weatherability

What constitutes reliability, durability and weatherability? Industries such as solar energy and professions like product engineering may have different understandings of these concepts and the tools and methodologies used to assess them to determine product performance over time. This presentation will investigate elements of these concepts and lead to a basic understanding of how to assess material or product performance to environmental stress over time.

Allen Zielnik
Senior Consultant - Weathering Science

Cost: Free

Webinar Dates

Wednesday, February 4, 2009 - 9:00 AM CST | 3:00 PM GMT

Wednesday, March 18, 2009 - 9:00 AM CDT | 2:00 PM GMT

Wednesday, May 20, 2009 - 9:00 AM CDT | 2:00 PM GMT

Industry Standards: Learn How They Apply to Your Weathering Testing

When weathering materials are used in markets worldwide, customers expect your company to test the products per national and international industry standards. Which standards do you use, and how and where do you acquire these invaluable specifications? In this webinar, you will receive an introduction to the various industry groups publishing the most popular weathering standards, gain an understanding of the technical committees authoring these documents, and learn how to contact these groups for information on testing your materials.

Oscar Cordo
Standards Manager

Cost: Free

Webinar Dates

Wednesday, February 11, 2009 - 9:00 AM CST | 3:00 PM GMT

Thursday, May 14, 2009 - 9:00 AM CDT | 2:00 PM GMT

Weathering Design of Experiments (Weathering DOEs)

This presentation overviews application of traditional DOE approaches to material weathering investigations. The material summarizes key concepts of DOE as applied to end-use and accelerated material degradation including logic of DOE, prerequisite considerations, and case studies of full and fractional factorial weathering experiments.

Henry K. Hardcastle
Director of Research and Development

Cost: 95 US Dollars | 70 Euros

Webinar Dates

Wednesday, February 25, 2009 - 9:00 AM CST | 3:00 PM GMT

Wednesday, May 6, 2009 - 9:00 AM CDT | 2:00 PM GMT

Photodegradation and Stabilization Mechanisms of Polymers

The evolution of the useful properties of polymeric objects is the observable consequence of chemical changes affecting the polymer and its additives. This webinar reviews the general degradation mechanism of polymers initiated by light and the other primary factors of weathering introduced in the webinar "The Factors of Weather and Weathering Testing of Polymers". The current strategies of stabilization used to influence these degradation processes and the mechanism of action of some important stabilizers are introduced.

Dr. Olivier Haillant
Consultant - Weathering Science

Cost: 95 US Dollars | 70 Euros

Webinar Dates

Wednesday, March 11, 2009 - 9:00 AM CDT | 2:00 PM GMT

Wednesday, May 27, 2009 - 9:00 AM CDT | 2:00 PM GMT

Correlation Between Natural and Artificial Weathering

This webinar is intended for those who want to understand how the relationships between real world weathering and accelerated laboratory weathering of materials are developed, their utility, accuracy, risks and potential in the prediction of the long term durability of materials. Of great importance to people producing products to be used in outdoor applications of long duration, this webinar will discuss the risks and rewards of using short term accelerated methods to estimate long term outcomes.

Dr. David Dumbleton
Senior Consultant

Cost: 95 US Dollars | 70 Euros

Webinar Date

Wednesday, April 8, 2009 - 9:00 AM CDT | 2:00 PM GMT

Pharmaceutical Photostability Testing: Small and Large Molecules According to ICH Guidelines

The presentation will explain the basic photostability testing requirements for small (traditional pharmaceutical) molecules and large (biotechnology products) molecules according to the ICH Q1B and Q5C Guidelines. The seminar will explain the basics of what needs to be tested (such as active pharmaceutical ingredient, final finished product, product as packaged, etc.), when it needs to be tested, the light exposure devices used per the ICH requirements, sample presentation and general tips.

Allen Zielnik
Senior Consultant - Weathering Science

Cost: Free

Webinar Date

Thursday, April 16, 2009 - 9:00 AM CDT | 2:00 PM GMT



Register online at www.atlas-mts.com
For more information, email us at info@atlas-mts.com