

# POLYMERS WEATHERING CONFERENCE

## PROGRAM

### 22<sup>nd</sup> BANDOL- CONFERENCES

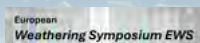
### 11<sup>th</sup> EUROPEAN WEATHERING SYMPOSIUM EWS

XXXIII<sup>rd</sup> Colloquium of Danu-  
bian Countries on Natural and  
Artificial Ageing of Polymers

Meet us  
in Lyon!



September 22-24, 2026 | Lyon, France



Gesellschaft für  
Umweltsimulation e.V.

## Contact

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Gesellschaft für  
Umweltsimulation e.V.  
c/o Fraunhofer ICT

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[www.gus-ev.de](http://www.gus-ev.de)

## Conference Invitation

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It is with great pleasure that we invite you to participate and present a paper at the Polymers Weathering Conference – a collaborative event of the 11<sup>th</sup> EWS (XXXIII<sup>rd</sup> Colloquium of Danubian Countries on Natural and Artificial Ageing of Polymers) and 22<sup>nd</sup> Bandol Conferences, to be held in Lyon, France, September 22–24, 2026.

Launched in 1967 by four relevant institutes from Austria, Czechoslovakia, Hungary and Yugoslavia, the Colloquia of Danubian Countries have been the only exclusive meetings in the field of natural and artificial weathering of polymers. Relunched as EWS they have attracted a broader scope of attendees from industry and academia to learn from each other.

### Important topics will be:

- All polymers and polymeric formulations
- Applications requiring resistance to UV, light, and weathering
- Additives and formulations
- Weathering methodologies and instruments
- Determination, Simulation and Effects of Relevant Climatic Quantities
- Service-Life Prediction



### Schedule

#### September 22, 2026

14:00 – 17:10    *Conference day 1*  
19:00            *Welcome reception*

#### September 23, 2026

09:00 – 17:00    *Conference day 2*  
17:45            *Site-seeing tour and  
Conference dinner*

#### September 24, 2026

09:00 – 14:00    *Conference day 3*

## Program and Language

The current program is available on [www.weathering-symposium.org](http://www.weathering-symposium.org) and the [www.bandol-conferences.com](http://www.bandol-conferences.com). The conference language is English.

## International Scientific Committee

Sahar Al-Malaika, AU, CEAC, Birmingham, UK

César Gadea, AIMPLAS, Paterna, ES

Jean-Luc Gardette, CU, CNRS, Aubière, F

Anja Geburtig, BAM, Berlin, D

Paul Grillberger, OFI, Vienna, A

Markus C. Grob, FH Nordwestschweiz, Windisch, CH

António Guerreiro de Brito, ISA ULISBOA, Lisbon, P

Ali Harlin, VTT, Espoo, FIN

Anne-Lise Høg Lejre, DTI, Taastrup, DK

Akihiro Konno, JWTC, Tokyo, J

Alireza Movahedi, Rise Research Inst., Borås, S

Constantine Papaspyrides, NTU Athens, LPT, GR

Krzysztof Pielichowski, CUT CTP, Cracow, PL

Pietro Russo, UniNa, Naples, I

Dora Tatraaljai, BME, Budapest, HU

Jiri Tochacek, CEITEC BUT, Brno, CZ

Peter Trubiroha, Berlin, D

Christopher White, Ramboll, Arlington, Virginia, USA

Karl-Friedrich Ziegahn, KIT, Karlsruhe, D

## Chairman of EWS Section

Thomas Reichert, Fraunhofer ICT, Pfinztal, Germany

## Organization/Conference Management

The Polymers Weathering Conference is jointly organized by the Bandol Conference Series and the European Weathering Symposia Organizers (GUS, CEEES), with local support from the French Association ASTE.

The GUS secretariat is the point of contact for the EWS community.

## Conference Venue

The symposium will be held at:

[\*\*Hôtel Mercure Lyon Centre Château Perrache\*\*](#)

12 cours de Verdun Rambaud, Esplanade de la gare

69002 Lyon, France,

## Participation Fee

The participation fee is € 900,00 until July 31, 2026 and € 1.080,00 thereafter. Reduced fees of € 610,00 apply to speakers, poster presenters and PhD students. **Poster submissions are still possible.** Please send your poster or abstract to [secretariat@gus-ev.de](mailto:secretariat@gus-ev.de). The committee will then decide on acceptance. Participants with a table exhibition space pay € 1.800,00.

Participant ticket includes full access to the Conference sessions during the 3 days, presentations proceedings, and the list of delegates. It also comprises lunches, refreshments, welcome reception, site-seeing tour and conference dinner.

### **Registration**

Please register online at [www.bandol-conferences.com](http://www.bandol-conferences.com)

### **Contacts**

#### **The Bandol Conferences**

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#### **The European Weathering Symposium EWS**

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### **Accommodation**

Participants are responsible for booking their own accommodation.

The Bandol Conferences Organization recommends to book at the Hotel Mercure Lyon Centre Château Perrache or at the IBIS or GREET hotels at proximity of the Conference venue.

#### **[Hôtel Mercure Lyon Centre Château Perrache](#)**

12 cours de Verdun Rambaud | Esplanade de la gare | 69002 Lyon

Till June 30<sup>th</sup>, 45 rooms are pre-reserved at a preferential rate for each night of September 22<sup>nd</sup> and 23<sup>nd</sup>.

### **Contacts**

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[H1292-RE@accor.com](mailto:H1292-RE@accor.com)

# Polymers Weathering Conference

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**Tuesday, September 22**

14:00 – 14:20      **Opening, greetings**

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**Session 1                      Weathering in circularity and sustainability**

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14:20 – 14:40      **Stabilization challenges and colutions  
for recycled polyolefins**

Katrin Markus  
Fraunhofer LBF Germany

14:40 – 15:00      **Maintaining performance of bioplastics  
before and during use**

Guillaume Lebouteiller  
Naturplast France

15:00 – 15:20      **Reliability testing of biochar-filled  
PP compounds to ensure circularity and  
negative emission status of products**

Karl-Anders Weiß  
Fraunhofer ISE Germany

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15:20 - 16:05      **Coffee break**

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16:05 - 16:25      **Evolution of UV-stabilization of polyolefins**

Klaus Keck  
RIANLON China

16:25 - 16:45      **Heracles e-nose analyzer presentation  
applied to the polymers odor analysis**

Joël Mba Obame  
Alpha MOS France

16:45 - 17:10      **Panel discussion and questions**

17:10                      **Close day 1**

19:00                      **Welcome reception at Hotel Perrache**

## Wednesday, September 23

09:00 - 09:10      **Opening**

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**Session 2**      **Agriculture and food**

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09:10 - 09:30      **Is global warming rewriting the rules of outdoor polymer durability?**  
Lionel Beraud  
SEVAR France

09:30 - 09:50      **Accelerated UV aging tests used in agricultural film standards to assess their durability**  
Gérard Pichon  
GBCC France

09:50 - 10:10      **Photostability in food, beverages and cosmetics: stress, spectral sensitivities and possible accelerated tests**  
Artur Schönlein  
Rüsselsheim Advanced Weathering Solutions  
Germany

10:10 - 10:25      **Panel discussion and questions**

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10:25 - 11:10      **Coffee break**

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# Polymers Weathering Conference

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Wednesday, September 23

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## Session 3

## Building and construction

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11:10 - 11:30      **Towards the lifetime prediction of roofing membranes made from plasticized PVC – a comparison of artificially and real weathered products**

Matthias Gössi

SIKA TECHNOLOGY Switzerland

11:30 - 11:50      **The weatherability of PVC items. Some case studies in PVC rolling shutters and their outdoor durability**

Lorenzo Giannone

REAGENS Italia

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11:50 - 13:20      **Lunch break**

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13:20 - 14:00      **Posters and table top session 1**

14:00 - 14:20      **Integrated weathering assessment for climate-resilient building materials**

Marzieh Riahinezhad

National Research Council Canada Canada

14:20 - 14:40      **Erosion of pre-painted steel panels**

Fanny Pirot

AC&CS - Advanced Coatings & Constructions  
(CRM Group) Belgium

14:40 - 15:00      **Panel discussion, questions**

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15:00 - 15:45      **Coffee break**

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Wednesday, September 23

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**Session 4**

**Mobility**

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|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 15:45 - 16:05 | <b>From lab to field: Correlating accelerated ageing tests with the real-life performance of polymers at customer use</b><br>Nicoleta Mateescu<br>RENAULT Romania |
| 16:05 - 16:25 | <b>Natural and accelerated aging of polymeric systems in the railway sector: adhesive films, coatings, and adhesives</b><br>Pauline Derumière<br>SNCF France      |
| 16:25 - 16:45 | <b>Driving sustainability: Challenges of recycled and natural fiber PP in automotive</b><br>Thibaud Debuissy<br>MATERI'ACT (FORVIA Group) France                  |
| 16:45 - 17:00 | <b>Panel discussion, questions</b>                                                                                                                                |
| 17:00         | <b>Close day 2</b>                                                                                                                                                |
| 17:45         | <b>Site-seeing tour and conference dinner</b>                                                                                                                     |

# Polymers Weathering Conference

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Thursday, September 24

09:00 - 09:20

**Opening**

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**Session 5**

**Weathering science**

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09:20 - 09:40

**Understanding surface temperature effects in xenon-arc weathering: The role of test conditions**

Florian Feil

Atlas Material Testing Technology Germany

09:40 - 10:00

**Temperature control in accelerated weathering Testing**

Sean Fowler

Q-Lab USA

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10:00 - 10:45

**Coffee break**

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10:45 - 11:05

**Accelerated photo-aging experiments of polymer-based materials: Assistance for selecting the right material**

Aurélien Tournebize

CNEP France

11:05 - 11:25

**Modelling irradiation caused behaviour of a transparent PE Film (PERF)**

Anja Geburtig

BAM Germany

11:25 - 11:45

**Panel discussion, questions**

11:45 - 12:25

**Posters and table top session 2**

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12:25 - 14:00

**Lunch break**

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14:00

**Close day 3, end of conference**

## Poster Session

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**P1** **Non-Destructive assessment of polymer degradation in photovoltaic modules via NIR spectroscopy and chemometric analysis**  
Anika Gassner  
OFI Austria

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**P2** **Evaluation cascade for odor scavengers in contaminated plastics**  
Carl-Christoph Höhne  
Fraunhofer ICT Germany

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**P3** **UV-Induced degradation in photovoltaic modules: Comparative effects of light spectra and polymer encapsulant materials**  
Paul Grillberger  
OFI Austria

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**P4** **Development, validation and application of an accelerated weathering protocol for assessing bisphenol A (BPA) release from polycarbonate (PC) materials into the environment**  
Christian Piechotta  
BAM Germany

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**P5** **Production and comparison of artificially aged microplastic particles**  
Thomas Reichert  
Fraunhofer ICT Germany

Further poster presentations will be announced on  
[www.bandol-conferences.com](http://www.bandol-conferences.com)  
[www.weathering-symposium.org](http://www.weathering-symposium.org)