

1st International Symposium on Solar Structures Durability

EFC event number 516



**1st International Symposium
on Solar Structures Durability**

**Registration Open
Pre-program available**
<https://www.institut-corrosion.fr/>

November 20, 2024, Parma, Italy



Consorzio Interuniversitario Nazionale
per le Scienze Ambientali



Institut de la Corrosion
French Corrosion Institute



UNIVERSITÀ
DI PARMA



Event supported by Research Institutes of Sweden, Institut de la Corrosion (France), University of Parma (Italy), and European Federation of Corrosion (EFC).



PROGRAMME

Time	Session	Registration
8:45	Introduction	Welcome speech
9:05		Symposium opening - Dominique Thierry (RISE)
9:10	Soil corrosion	Insight of the corrosion mechanisms in soil: key parameters and application cases - Mathieux Debure (BRGM)
9:30		Key parameters in soil corrosion -an in-situ monitoring - Erwan Diler (Institut de la corrosion)
9:50		Microbial corrosion in soil - Pierangela Cristiani (Ricerca sul Sistema Energetico)
10:10		Electrochemical multiparametric probe for the on-line monitoring of corrosion in soils - Luca Murachelli (Polytecnico Milano 1863)
10:30		Open discussion
10:45	Coffee break	
11:00	Metallic coatings	Metallic coatings -chemistry & application processes - Jennifer Schulz (ThyssenKrupp)
11:20		Soil corrosion evaluation of metallic coated steels - Ansbert De Cleene, Philippe Verpoort (ArcelorMittal)
11:40		Soil corrosion of metallic coating in laboratory versus field - Abdelkader Meroufel, Jonas Engblom (RISE)
12:00		Open discussion
12:30	Lunch	
14:00	Atmospheric corrosion	Standards in Atmospheric corrosion - Dominique Thierry (RISE)
14:20		Multi material management of joints in solar industry thanks to sustainable Zinc flake technology - Alexandre Hijji, Benoit Millet (NOF metal coatings)
14:40		Atmospheric corrosion of ZM coated steel: Results from a worldwide exposure - Dominique Thierry (RISE)
15:00		Corrosion induce zinc run off from construction materials at atmospheric conditions - Pr. Inger Odnevall (KTH)
15:20	Coffee break	
15:45	Alternative materials	Beyond Standards: Assessing Coating Durability for Solar Structures in Harsh Corrosive Environments - Alexander Saul, Hanan Arafat (QEERI)
16:05		Stainless steel for solar structures – Audrey Allion (APERAM)
16:30		Open discussion
16:45	Concluding remarks & End of symposium	

LOCATION

University of Parma
Parco Area delle Scienze 33/A
43124 Parma, Italy

Venue:

Plane: Milano – Linate or Malpensa / Bologna – Guglielmo Marconi

Train: Milano – Parma (2 hrs) - Bologna – Parma (1 hr)

Bus: from Parma railway station, take bus number 7, 14 or 21

Accommodations (~ 15 min. taxi):

Hotel Toscanini Ibis (<http://www.hoteltoscanini.it>)

Hotel Torino (<https://www.hotel-torino.it>)

Hotel Button (<https://hotelbutton.it>)



REGISTRATION & FEES (LIMITED SEATS)

Participants

270 €

* Free of charge for presenting author

The registration fee includes all presentations (downloadable after the Symposium) as well as food & beverages during coffee, lunch breaks, and dinner.

Registration deadline: 31/07/2024

ON-LINE Registration on: <https://www.eventbrite.fr/e/1st-international-symposium-on-solar-structures-durability-tickets-890236329827?aff=oddtcreator>

ON-SITE REGISTRATION ARE NOT PERMITTED

CONTACT

Abdelkader Meroufel
abdelkader.meroufel@ri.se
Phone : +46 7 30 47 22 63

Erwan Diler
erwan-diler@institut-corrosion.fr
Phone: +33 2 98 05 15 52