



# THE WORLD PET BIORECYCLING SUMMIT

The first congress dedicated to scientific  
advances in the field of enzymatic recycling

**7<sup>th</sup> to 8<sup>th</sup> of December**

Hotel Renaissance La Défense

# FULL PROGRAM



# DECEMBER 7TH Morning

8:30 – 9:00 am  
Welcome coffee

9:00 – 9:20 am  
Emmanuel Ladent  
*Welcome and introduction on PET market*

9:20 – 9:40 am  
Madiha Dalibey  
*Introduction on PET world (synthesis, grades, properties...)*

9:40 – 10:10 am  
Wolfgang Zimmermann  
*Powerful enzymes for the biocatalytic functionalization  
and recycling of PET plastic*

10:10 – 10:40 am  
BREAK

10:40 – 11:10 am  
Fusako Kawai  
*Catalytic and structural dynamics of the thermophilic PET hydrolase, Cut190*

11:10 – 11:40 am  
John E. McGeehan  
*Sourcing thermotolerant PET hydrolase scaffolds from natural diversity*

11:50 – 13:50 pm  
Lunch Break

# DECEMBER 7TH Afternoon

2:00 – 2:30 pm

Georg Guebitz

*Closing the circle: Enzyme based strategies for synthesis, functionalization and recycling of polyesters*

2:30 – 3:00 pm

Hal Alper

*Machine learning-aided engineering of hydrolases for PET depolymerization*

3:00 – 3:30 pm

Antony Green

*Directed Evolution of a Thermostable PET Depolymerase*

3:30 – 4:00 pm

Gianluca Molla

*Efficient PET degradation at moderate temperature: a protein engineering study of LC-cutinase*

4:00 – 4:30 pm

BREAK

4:30 – 5:00 pm

Peter Westh

*Comparative kinetic analyses of enzymatic PET hydrolysis*

5:00 – 5:30 pm

Alain Marty

*Carbios enzyme : a solution for the PET recycling*

5:30 – 6:30 pm

Poster Session

7:30 pm

DINER

# DECEMBER 8TH Morning

8:30 – 8:45 am  
Installation / Intro

8:45 – 9:15 am  
Uwe Bornscheuer  
*Recent Progress on the Enzymatic Degradation of PET and other Plastics*

9:15 – 9:45 am  
Karine Auclair  
*Enzymatic reactions in moist solids for the depolymerization of plastics*

9:45 – 10:15 am  
Guy Lippens  
*An NMR look at an improved PET depolymerase*

10:15 – 10:45 am  
BREAK

10:45 – 11:15 am  
Gert Weber  
*Structure-guided improvement of *I. sakaiensis* MHETase and the role of MHET hydrolases in PET depolymerization on larger scales*

11:15 – 11:45 am  
Federica Bertocchini  
*PEases from the wax worm*

11:45-11:50 am  
Alain Marty – Emmanuel Ladent  
*Conclusion*

12:00 – 1:00 pm  
Lunch Break

# DECEMBER 8TH

## Afternoon

1:10 pm  
Introduction by Camille de Froment Baril

1:15 – 1:45 pm  
Opening by  
*BERTRAND PICCARD – SOLAR IMPULSE*

1:50 – 2:20 pm  
Synthesis of the scientific congress  
*ALAIN MARTY - CARBIOS*

2:25 – 2:55 pm  
*Strategic consulting*  
THEO JAN SIMONS - MC KINSEY

3:00 – 3:20 pm  
BREAK

3:30 – 3:50 pm  
OLIVIER MOUZIN  
SALOMON

3:50 – 4:10 pm  
GILLES BAUDIN  
L'ORÉAL

4:15 – 4:30 pm  
Q&A Session

4:30 – 4:50 pm  
EMMANUEL LADENT  
CARBIOS

4:50 – 5 pm  
Conclusion by Camille de Froment-Baril

5:45 pm  
Departure from hotel - Summit Evening

7 pm – 9:30 pm  
Cruising on the Seine river

10:30 pm  
Arrival to the hotel