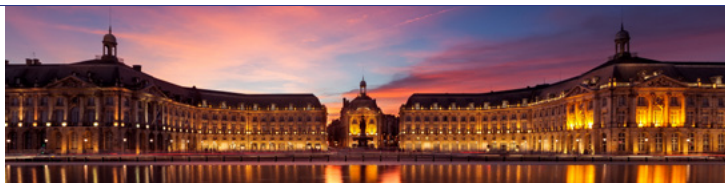


14TH WORLD
FILTRATION
CONGRESS
BORDEAUX FRANCE
30 JUNE - 4 JULY 2025



www.wfc14.com

WFC14 TOPICS

+ GAS SEPARATION

Fundamentals

- › Theoretical developments
- › Numerical models
- › Testing and standards

Media separations

- › Fibrous media separations (woven and non-woven)
- › New developments in fiber media
- › Membrane separations
- › New developments in filters and filter assemblies
- › Filter tests systems

Separation applications

- › Air separation
- › Gas cleaning
- › Nano particle separations
- › Liquid aerosol separations
- › Power industry
- › Automotive industry
- › Aerospace

Separation instrumentation

- › Sampling methods
- › Particle measurements

+ MEMBRANE SEPARATION

Fundamentals

- › Theory
- › Modeling and simulation

Membrane materials, formation and characterization

- › Novel membrane formation
- › Membrane Characterization

Membrane Technologies/Processes

- › Forward osmosis
- › Advances in NF and RO
- › Advances reactors

Pervaporation, vapor separation

Membrane distillation

+ LIQUID SEPARATION

Filtration

- › Fundamentals
- › Modelling and simulation
- › Media characterization
- › Cake filtration and washing
- › Filter aids
- › Technology
- › Backwashing
- › Depth filtration and adsorption
- › Slurry/particle/liquid/cake characterization

Solid/Liquid separation

- › Coagulation/floculation
- › Gravity setting
- › Centrifugal separation
- › Flotation
- › Cycloning

Applications

- › Filtration for the electronics
- › Biomedical separation
- › Solid/liquid separation for the process industries
- › Pulp and slurries concentration

Filter media and system Design

- › Filtration and separation process development
- › Advanced filter media developments
- › Technologies and Equipment selection
- › Porous media characterization

Assisted (hybrid) separation

Ion exchange and adsorption

Coalescence, coalescor

+ SUSTAINABLE DEVELOPMENT AND WATER

Desalination and water treatment

Wastewater treatment

Water reuse

Sludge

Food and beverage applications

Cellulose

Biorefinery

Eco-extraction/separation biological/vegetal cells



× PRE CONGRESS SHORT COURSES

- › Solid/liquid separation
- › Air/gas separation
- › Introduction to membrane filtration
- › Membrane filtration applications
- › Filtration media
- › Advances in filtration and separation technologies

× POST-CONGRESS PLANT TOURS

Three tours will be organized Friday afternoon after the closing ceremony to visit Bordeaux and the region.