



## LIVE WEBCASTS

Friday, October 16, 2020  
2pm BST | 3pm CEST

### Presenters



**Stefano Polesello, Ph.D.**  
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### Moderator



**Laura Bush**  
Editorial Director  
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# Forever Chemicals: Understanding Their Origins, Evolution, and The Benefits of Superficially Porous Particle Column Technology in Overcoming the Analytical Separation Challenges They Present



Register for this free webcast at:

[www.chromatographyonline.com/lcgc\\_p/forever\\_chemicals](http://www.chromatographyonline.com/lcgc_p/forever_chemicals)

## Event Overview

Join Dr. Stefano Polesello of the Water Research Institute (IRSA-CNR) and Dr. Andrew Harron of Advanced Materials Technology for a discussion on the pervasive nature of per- and polyfluoroalkyl substances (PFAS)—known as “forever chemicals”—in our aquatic and agricultural systems. They will discuss how these compounds, now 70 years in the making, have evolved in their use, pose analytical challenges, and how superficially porous particle technology in LC columns benefits liquid chromatography–mass spectrometry (LC–MS) separations to overcome the challenges these compounds present. Explored in this webcast will be:

- The origins and impact of PFAS to our environment and health
- The analytical challenges PFAS presents
- How new superficially porous particle LC columns provide benefits to PFAS analysis and other environmental separations
- An overview of current and upcoming European regulations of PFAS will also be discussed

## Key Learning Objectives

- What legacy and current PFAS compounds are currently of highest regulatory concern
- What steps can be taken to limit background contamination when analyzing for PFAS
- How LC–MS separations of PFAS can be improved by using superficially porous particle technology in LC columns

## Who Should Attend

- This webcast will benefit environmental scientists studying PFAS, chromatographers and mass spectrometrists, as well as those interested in learning more about the environmental impact of PFAS and current European guidelines

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