

## ONLINE POSTGRADUATE SUMMER SCHOOL ON GREEN CHEMISTRY

6-10 July 2020

Venice, Italy

<https://www.unive.it/pag/29448/>

## Lectures and teachers 2020



### Florent Allais

Professor of Green Chemistry & Director, URD ABI – AgroParisTech, France

Lecture title: Biomass upgrading through the combination of Biotechnology, Green Chemistry & Downstream Process

#### Profile

Florent Allais got a PhD in chemistry from the University of Florida (Gainesville, FL, USA) in 2004, then did two postdocs (ESPCI, Paris, France – ICSN-CNRS, Gif-sur-Yvette, France), before joining the INRA as a Junior Scientist in Versailles, France (2007). In 2012, he became a Full Professor at AgroParisTech and was tasked to build *ex nihilo* a brand-new laboratory, Chaire ABI (Industrial Agro-Biotechnologies) (now URD ABI, 22 permanent scientist/engineers/technicians), at Pomacle, France. Since 2019, Florent Allais is also Adjunct Professor in the Department of Chemical Engineering at Monash University (Clayton, Australia) and Courtesy Associate Professor at the Department of Chemistry at the University of Florida (Gainesville, USA). Florent Allais' research team is dedicated to the combined use of white biotechnologies, green chemistry and downstream processing for the development and optimization of sustainable industrial processes and high value-added products from biomass. More precisely, URD ABI aims at the development of platform molecules that will be used to create valuable sustainable chemicals (e.g., chiral fine chemicals), functional bio-based additives (e.g., anti-UVs, antimicrobials, antiradicals/antioxidants, flavors or surfactants), and polymers/materials. Florent Allais has published more than 85 papers in peer-reviewed journals, 4 book chapters, granted/filed 19 patents, served as reviewer of various journals and as Associate Editor of *Frontiers in Chemistry* (*Frontiers®*, *Green & Sustainable Chemistry* Section), *Frontiers in Chemical Engineering* (*Frontiers®*), *Green Chemistry Letters and Reviews* (Taylor and Francis®) as well as *Sustainable Chemistry* (MDPI®). He has been invited in many international congresses (Plenary and Keynotes lectures) and seminars, and he is also the leader of international exchange programs at the doctoral level (USA and Australia). Finally, since December 2019, Florent Allais is Associate Member of the ICGCSD (Interdivisional Committee of Green Chemistry for Sustainable Development) at IUPAC.

Green Chemistry Summer School  
[green.chemistry@unive.it](mailto:green.chemistry@unive.it)