



**Summer School for using of GCxGC-MS for  
the environmental forensics and  
MicroOxymax respirometer for remediation  
monitoring**



Project: 101059534 — PFAS<sup>twin</sup>  
HORIZON-WIDERA-2021-ACCESS-02



Funded by the  
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<b>Day 1, Monday June 17th</b>	9:00-10:00	Registration	
	10:00-10:30	Opening ceremony	
	10:30-11:00	PFAS <sup>twin</sup> project overview	
	11:00-13:00	Prof. Ljubodrag Vujisić University of Belgrade, Faculty of Chemistry	PFAS analysis of LC- MSMS
		Prof. Eric van Hullebusch, Université Paris Cité	Current status of PFAS degradation technologies
	13:00-14:30	Lunch	
	14:30-15:30	Prof. Jean-François Focant, Organic and Biological Analytical Chemistry – CART, University of Liège	GCxGC-MS method development
	16:00	Social program (Visit to Nikola Tesla Museum)	

<b>Day 2, Tuesday June 18th</b>	9:30-10:00	Registration	
	10:00-13:00	Prof. Jean-François Focant, Organic and Biological Analytical Chemistry – CART, University of Liège	GCxGC-MS applications
		Prof. Roland Kallenborn-Faculty of Chemistry, Biotechnology, and Food Science, Norwegian University Life Sciences (NMBU-KBM)	PFAS in Polar environments: Environmental mobility and distribution profiling and changing environmental conditions
		Prof. Dubravka Relić, University of Belgrade, Faculty of Chemistry	Risk assessment and organic pollutants
	13:00-14:30	Lunch	
	14:30-16:30	Prof. Branimir Jovančičević, University of Belgrade, Faculty of Chemistry	Remediation of organic pollutants
		Prof. Eric van Hullebusch, Université Paris Cité	Innovative solutions for treating soil contaminated by toxic metals and/or organic contaminants.
	19:00	Social program	

<b>Day 3, Wednesday, June 19<sup>th</sup></b>	10:30-11:00	Registration	
	11:00-13:00	Prof. Roland Kallenborn- Faculty of Chemistry, Biotechnology, and Food Science, Norwegian University Life Sciences (NMBU-KBM)	Analytical challenges and method requirements for the quantitative determination of ultra- short chain PFASs in ultra-trace levels
		Prof. Vladimir Beškoski, University of Belgrade, Faculty of Chemistry	Microbial degradation of PFAS
	13:00-14:30	Lunch	
	14:30-16:30	Practical course- Bioreactor for microbial fermentations	

<b>Day 4, Thursday, June 20<sup>th</sup></b>	10:00-13:00	Practical course- Monitoring of microbial degradation using respirometer	
		Prof. Jelena Trifković, University of Belgrade, Faculty of Chemistry	Statistical analysis in the field of environmental pollution
	13:00-14:30	Lunch	
	14:30-16:30	Practical course- Sample preparation for instrumental analysis	

<b>Day 5, Friday, June 21<sup>st</sup></b>	10:00-13:00	Practical courses- LC-MSMS	
		Practical courses- GCxGC-MS	
		Final discussion and take-home messages	
	13:00-14:30	Lunch	



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