

# 9<sup>th</sup> Central European Symposium on Plasma Chemistry

associated with **COST Action CA19110** workshop  
Plasma applications for smart and sustainable agriculture



## CESPC-9

**FIRST ANNOUNCEMENT**

**Vysoké Tatry, Slovakia**

**September 4-9, 2022**

We cordially invite you to Slovakia, to attend the 9th Central European Symposium on Plasma Chemistry (CESPC-9). CESPC is a well-established small size symposium with a friendly open atmosphere. It deals with fundamental problems of gaseous plasma physics and chemistry, modelling and diagnostics, new and nanostructured materials, energy technologies, environmental protection, surface processes, and plasma technologies in modern industry, medicine, food technology, and agriculture. It provides as an interactive platform enabling researchers of different backgrounds (chemistry, physics, engineering, material sciences, biology, medicine, agriculture, food technology) to meet and develop new ideas in the widely interdisciplinary field of plasma chemistry. The symposium promotes the transfer of scientific knowledge to industrial, agricultural, and clinical practices.

CESPC-9 will be joint with COST Action CA19110 Plasma applications for smart and sustainable agriculture – PIAgri (plagri.eu) workshop of its working groups 2 (seeds), 3 (plants), and 4 (agriculture wastewater and plasma activated water).

The PIAgri Action aims to investigate the potential of low-temperature plasmas as a green alternative for treating seeds, plants, agricultural wastewater, plant growth media, manure, and the use of plasmas for treating food and packaging. It also studies undergoing processes of plasma treatment of this agricultural biological materials. The Action aims to break the classical field boundaries for a new dimension in sustainable agriculture with lower chemical and environmental impact, higher yield, and sustainability.

### CESPC-9 TOPICS

1. Fundamental plasma physics/chemistry
2. Modeling and diagnostics
3. New materials and nanomaterials
4. Energy technologies
5. Environmental protection
6. Bio and medical plasma technologies
7. Surface processes

### COST PLAGRI WORKGROUPS

1. Dissemination and communication
2. Low-temperature plasma treatment of seeds
3. Low-temperature plasma treatment of plants
4. Plasma treatment of agricultural wastewater, growth media, manure and production of PAW
5. Applications of plasma processes and technologies in food industry

**[www.cespc9.eu](http://www.cespc9.eu)**

## DEADLINES

1 <sup>st</sup> announcement	February 20, 2022
2 <sup>nd</sup> announcement	March 31, 2022
Call for abstracts	March 31, 2022
Abstract submission	April 30, 2022
Acceptance notification	May 20, 2022
Early registration deadline	May 31, 2022
Final announcement	July 31, 2022
CESPC-9 symposium	September 4-7, 2022
COST Plagri workshop	September 8-9, 2022

## INVITED SPEAKERS – CESPC-9

Annemie BOGAERTS (Antwerp, Belgium)  
 Cristina CANAL (Barcelona, Spain)  
 Tomáš HOMOLA (Prague, Czechia)  
 Holger KERSTEN (Kiel, Germany)  
 Petr LUKEŠ (Prague, Czechia)  
 Štefan MATEJČÍK (Bratislava, Slovakia)  
 Ester MATOTTA (Padova, Italy)  
 Bogdana MITU (Bucharest, Romania)  
 Gregor PRIMC (Ljubljana, Slovenia)

## FEES

The **CESPC-9 / COST Plagri** registration is **all inclusive**. Accommodation, meals and attendance are all included in the cost of your registration.

*Early registration fees (by May 31, 2022):*

regular participant (CESPC)	500*/420** €
regular participant (COST)	300/250 €
regular participant (CESPC+COST)	650/550 €
student (CESPC)	360 €
student (COST)	200 €
student (CESPC+COST)	480 €
accompan. person (CESPC+COST)	450 €

*Regular registration fees (after June 1, 2022):*

regular participant (CESPC)	600/500 €
regular participant (COST)	350/300 €
regular participant (CESPC+COST)	750/640 €
student (CESPC)	420 €
student (COST)	250 €
student (CESPC+COST)	560 €
accompan. person (CESPC+COST)	500 €

*\*single/\*\*double room*

## VENUE

The conference will be organized at Hotel Sorea Trigan at Štrbské Pleso in Vysoká Tatry region. The venue can be easily reached from various airports in Slovakia, Austria, Hungary, or Poland.

## CONTACT

**CESPC-9 / COST Plagri**

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TIME	SUN (Sep 4)	MON (Sep 5)	TUE (Sep 6)	WED (Sep 7)	THU (Sep 8)	FRI (Sep 9)
9						
10		CESPC	CESPC	CESPC	COST	COST
11						
12						
13						
14						
15		CESPC	CESPC	excursion	COST	
16						
17	register					
18						
19	coctail			dinner		

