



ACADEMY OF SCIENCES OF ALBANIA

## RENETECH 2025



**International Symposium on Renewable Energy, Sustainable Resources and Technologies –  
RENETECH-2025**

**PARALLEL SESSION: FOOD INDUSTRY WASTES FOR BIOENERGY**

**Under the auspices of Acad. Prof. Dr. Skënder Gjinushi,  
President of the Academy of Sciences of Albania**

**7 February 2025  
Academy of Sciences of Albania, Tirana**

## PROGRAM



**International Symposium on Renewable Energy, Sustainable Resources and Technologies –  
RENETECH-2025**

**February 7th, 2025**

8:00–9:00	<b>REGISTRATION</b>
9:00–10:00	<b>PLENARY SESSION</b> – (Aleks Buda Hall) <b>Chaired by: Acad. Ilijan Malollari, Acad. Neki Frashëri</b> • Welcome speeches

(Aleks Buda Hall) Online participating on the following link:  
<https://us02web.zoom.us/j/81119769922?pwd=U1VjbmNnNGFyaXRmeXVFUWVvOWU3Zz09>  
Meeting ID: 811 1976 9922; Passcode: 107441

**SESSION I: *Clean and renewable energy* (Aleks Buda Hall)**

Chaired by:

Time	<b>TITLE OF PRESENTATION</b>	<b>AUTHORS</b>
10:00-10:15	Alternative renewable and industrial energy sources	
10:15–10:30	Renewable energy saving technology	
10:30-10:45	New renewable energy applications	

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**11:25-11:40 COFFEE BREAK**

Time	<b>TITLE OF PRESENTATION</b>	<b>AUTHORS</b>
11:40-12:00	New Renewable Energy Materials and Equipment	
12:00-12:15	Photovoltaic Systems and Solar Energy Engineering	
12:15-12:35	Effective use of Renewable Energy	
12:35-12:45	Wind Energy Systems	
12:45-13:00	Biomass Energy Systems	

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12:50-13:05	Solutions for energy recovery	
13:05-13:10	Biofuels as a sustainable solution: Waste Reduction, Smart use of renewable energy sources;	
13:10-13:30	Green hydrogen infrastructure: Recycling of end-of-life fuel and electrolysis cells; How recycling of spent fuel and electrolysis cells can contribute to a sustainable hydrogen infrastructure;	(Invited speaker)
13:30-14:30	<b>LUNCH BREAK</b>	

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**SESSION II: Applications for Sustainable Energy and Environment**  
– (Aleks Buda Hall)

**Chaired by:**

Time	TITLE OF PRESENTATION	AUTHORS
14:30-15:00	Energy storage technologies and equipment (use efficiency in industry, construction, etc.)	(Invited speaker)
15:00-15:30	Algorithms for advanced searches for renewable energy sources	
15:30-15:45	Modelling, monitoring and intelligent control of renewable energy production processes	
15:45-16:00	Intelligent computing, modelling, optimization and control in the use of clean and renewable energy sources	
16:00-16:15	Simulation and environmental control such as climate change, water treatment and waste management etc	
16:15-16:30	From the critical role of industrial recycling, to innovative projects	
16:30-16:45	How the latest technologies and processes are helping to maximize value of waste and protect our environment	
16:45-17:00		
	<b>CONCLUDING REMARKS</b>	

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**PARALLEL SESSION: FOOD INDUSTRY WASTES FOR BIOENERGY**

**PARALLEL SESSION: FOOD INDUSTRY WASTES FOR BIOENERGY – *Libri Akademik***

**Chaired by: Acad. Ilirjan Malollari, Prof. Luljeta Pinguli, Dr. Fatjon Hoxha**

Time	TITLE OF PRESENTATION	AUTHORS
10:00-10:30		
10:30-11:00		
11:00-11:30		
11:30-11:40	<b>COFFEE BREAK</b>	
11:40-12:10		
12:10-12:40		
12:40-13:10		
13:10-13:30		

Join Zoom Meeting (*Libri Akademik*)

<https://us02web.zoom.us/j/85715284853?pwd=FM5qPNSA2Q48W64ZsMYOzu3ZeKyNxf.1>

Meeting ID: 857 1528 4853 Passcode: 219242

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## PRACTICAL INFORMATION

The Conference will mostly work on parallel sessions. Please check information on site to find the room for the session and topic you are interested in.

(*Aleks Buda Hall*) Online participating on the following link:

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(*Libri Akademik*) Online participating on the following link:

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Meeting ID: 857 1528 4853 Passcode: 219242