

PhD Materials for Sustainable Development

Teaching Activity A.Y. 2025/26

Catalytic Processes and Hydrogen Production Technologies

Prof. Maria Goula

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N	TITLE	DATE	SCHEDULE
1	Hydrogen Production & Utilization	20/01	15:00
2	Biogas Reforming to Hydrogen or Syngas	22/01	11:00
3	Glycerol Steam Reforming to Hydrogen	27/01	11:00
4	CO ₂ Hydrogenation to Methane (Methanation)	28/01	11:00
5	Bifunctional Materials for Methanation	29/01	11:00
6	CO ₂ Hydrogenation to Alcohols and Hydrocarbons	03/02	11:00
7	Production of Renewable (Green) Diesel	04/02	11:00
8	Pyrolysis Oil Steam Reforming to Hydrogen	05/02	11:00
9	Pyrolysis Oil Upgrading to Fuels	10/02	11:00
10	Fisher Tropsch Wax Upgrading to Fuels	12/02	11:00

The lessons will be held in the Seminar Room of the DSTC