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GRICU 2025 Congress & GRICU/NEST Doctoral School + CAPE Forum 2025

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DECARBONIZATION OF ENERGY SYSTEMS VI - Room Primavera (11:30-13:15)

time	[id] title	presenter
11:30	[189] 111 - Temperature-Programmed Desorption as a Tool for Kinetic Analysis of NH ₃ Decomposition on Ru/Al ₂ O ₃ and Ru/CeO ₂	CONTI, Ivan
11:45	[190] 116 - Influence of the temperature and surface charge on the performance of nanocellulose based facilitated transport membranes for carbon capture	MEDRI, Elena
12:00	[191] 76 - Upgrading of Biogas to Biomethane via Vacuum Pressure Swing Adsorption: Integrated Experimental and Modeling Study for Sustainable Energy Production	PANCIONE, Esther
12:15	[192] 119 - Integrated Process Modeling and LCA for Prospective Environmental Evaluation of Synthetic CO ₂ Sorbents in Carbonate Looping Systems	COZZANI, Valerio
12:30	[193] 179 - Scaling High-Temperature CO ₂ Capture: Sorbent Development and Circular Approach in Fixed Bed Systems	STEFANELLI, Eleonora
12:45	[194] 153 - Novel Electrified Chemical Plant based on Biogas Combustion for Syngas Generation by in situ CO ₂ Chemical Transformation	PRENESTI, Giuseppe
13:00	[195] 185 - Redox Flow Batteries for Long-Duration Energy Storage: Toward Scalable and Sustainable Grid Solutions	NATALE, Eleonora