



award

ENI AWARD 2020

CANDIDATURE PROPOSAL - THESIS

Debut in Research: Young Talents from Africa

1. TITLE OF THE THESIS:

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2. UNIVERSITY AND DISCUSSION DATE:

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3. DEBUT IN RESEARCH: YOUNG TALENTS FROM AFRICA PRIZE SECTION:

Please select **one Prize only** (by crossing one box in the left column) and **one or more sub-topics describing** your research (in the right column).

<input type="checkbox"/> Energy Transition	<input type="checkbox"/> General: promoting carbon footprint reduction during the transition: <ul style="list-style-type: none"><input type="checkbox"/> Carbon Capture, Utilization and Storage (CCUS)<input type="checkbox"/> New ways to convert natural gas to fuels, chemicals and hydrogen<input type="checkbox"/> New technologies for Natural Gas transportation<input type="checkbox"/> New technologies to improve energy efficiency in producing/using Natural Gas:<ul style="list-style-type: none"><input type="checkbox"/> Monitoring and prevention of leaching gas<input type="checkbox"/> Reducing gas flaring<input type="checkbox"/> Conversion of natural gas to electricity (fuel cells)<input type="checkbox"/> Use of natural gas for energy storage<input type="checkbox"/> New technologies to separate/convert H₂S associated with Natural Gas and use sulfur<input type="checkbox"/> Bio-fuels and related production processes<input type="checkbox"/> Fuels and chemicals from solar energy<input type="checkbox"/> Energy efficiency:<ul style="list-style-type: none"><input type="checkbox"/> Energy valorization of waste<input type="checkbox"/> Hybrid fossil fuel systems<input type="checkbox"/> Energy vectors
<input type="checkbox"/> Energy Frontiers	<input type="checkbox"/> Other (please specify: _____) <input type="checkbox"/> Renewable energy sources: <ul style="list-style-type: none"><input type="checkbox"/> Photovoltaics<input type="checkbox"/> Concentrated Solar Power<input type="checkbox"/> Eolic<input type="checkbox"/> Geothermal<input type="checkbox"/> Hydroelectric<input type="checkbox"/> Waves/Tides/Currents<input type="checkbox"/> Thermoelectric<input type="checkbox"/> Mechanical Energy Harvesting

	<input type="checkbox"/> Smart Grids <input type="checkbox"/> Renewable Energy Management <input type="checkbox"/> Renewable Energy Efficiency (Solar Cooling, NZEB...) <input type="checkbox"/> Energy storage: <input type="checkbox"/> Electrical Storage <input type="checkbox"/> Thermal Storage <input type="checkbox"/> Mechanical Storage <input type="checkbox"/> Other Type of Storage (e.g. chemical) <input type="checkbox"/> Nuclear Fusion <input type="checkbox"/> Access to energy in developing countries <input type="checkbox"/> Other (please specify: _____)
<input type="checkbox"/> Advanced Environmental Solutions	<input type="checkbox"/> Environmental Protection <input type="checkbox"/> Environmental Remediation <input type="checkbox"/> Circular economy and plastic recycling <input type="checkbox"/> "Green" chemicals and polymers <input type="checkbox"/> Other (please specify: _____)

4. GUARANTOR OF THE CANDIDATURE (Please note that he/she can be a different person from the thesis tutor):

SURNAME:	
FORENAME:	
AFFILIATION AND POSITION:	
ADDRESS OF THE ORGANISATION:	
TELEPHONE:	
E-MAIL:	
FAX:	

5. AUTHOR OF THE THESIS:

SURNAME	
FORENAME	
PLACE OF BIRTH	
DATE OF BIRTH	
NATIONALITY	
TELEPHONE	
FAX	

