

23<sup>rd</sup> June 2021

# " GUSTAVO SCLOCCHI "

## 28<sup>TH</sup> THESES AWARDS 2020



Live Streaming



ASSORISORSE  
Risorse Naturali ed Energie sostenibili

EAGE

EUROPEAN  
ASSOCIATION OF  
GEOSCIENTISTS &  
ENGINEERS

**The 28<sup>th</sup> Sclocchi Award has been a great edition! Over 70 professionals and researchers applied for the Theses Award from all around Europe. This has been for us an impressive achievement!**

The awards were assigned to the best theses in geosciences and petroleum engineering presented by any university and diploma graduates and PhD students from Italian universities as well as by Italian nationals graduated abroad. Beyond the traditional disciplines, also renewable energy, alternative feedstocks for green refinery, energy economy and management are part of the award categories.

Three prizes for Master & PhD (2400€+certificate), one prize for Bachelor & 2nd Level Master (1200€+certificate), and ten special mentions (certificate) were awarded.

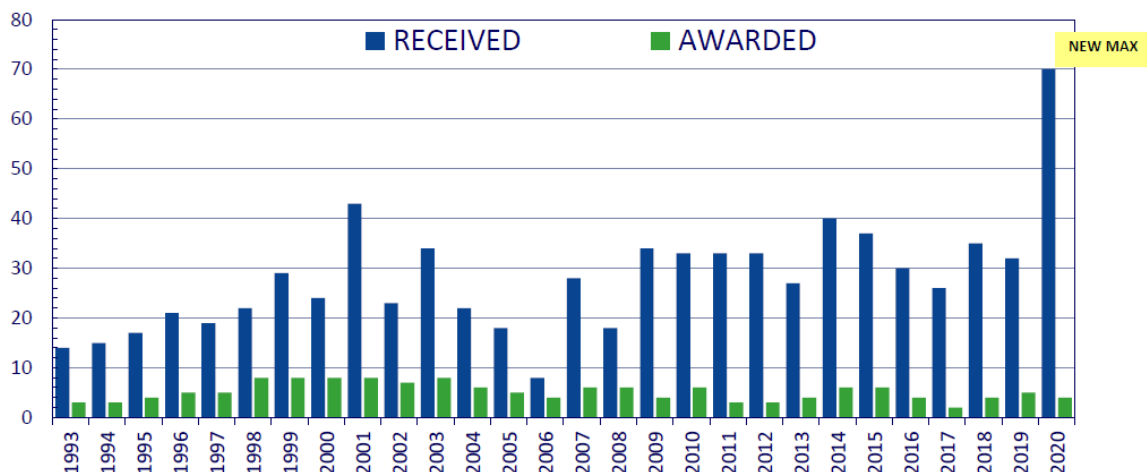


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Total received: **785** - Total awarded: **145**



Additional information and references to award-winning theses will be published on the Italian Section «SPE Bulletin», on «EAGE First Break» journal, and on [www.Assorisorse.org](http://www.Assorisorse.org). Any further information on the event will be posted on a dedicated page by the EAGE-SEG Italian Section at the URL <https://www.eageseg.org/en/2021/06/28th-gustavo-sclocchi-award-ceremony/>



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It is a great honour for me to have received the Gustavo Sclocchi award for my PhD thesis. For me, the Gustavo Sclocchi Award represents a great recognition of the quality and of the outcomes of the work that I performed during my PhD. It is also a great opportunity to show and share my research and to boost my career. I suggest to all to submit their thesis.

**Mattia Martinelli**  
PhD, Università di Milano Bicocca

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I am honoured to have received the Gustavo Sclocchi Award for my bachelor thesis project. This will surely be an incentive for my future career and research. I believe that this is an amazing opportunity for all students to take part in a national competition of such prestige.

**Giulia Mingardi**  
B.Sc., Università degli Studi di Pavia

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I am honoured to receive the “Gustavo Sclocchi Award” for my thesis work. Such an accomplishment represents an invaluable recognition of the efforts I made, as well as of the relevance of the study and of the objectives it pursues. I will consider this award as a milestone upon which to build my contribution in facing the complex challenges of the energy sector.

**Federico Parolin**  
M.Sc., Politecnico di Milano

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I am honoured to receive the Gustavo Sclocchi Award for my Ph.D. work. It represents the recognition of my thesis value and motivates me to carry out and share my research findings even further. I suggest any students submitting their work to future editions.

**Roberto Scaccabarozzi**  
PhD, Politecnico di Milano

Awards details are as follows:

<b>Master &amp; PhD Award (2400€)</b>			
Roberto Scaccabarozzi	Thermodynamic Optimization of the Allam Cycle and Thermo-Fluid Dynamic Design of the Cooled CO2 Turbine	PhD	Politecnico di Milano
Mattia Martinelli	From outcrop to fracture model: a multidisciplinary approach to characterize fracture networks from outcrop analogues in carbonates affected by extensional tectonics	PhD	Università di Milano Bicocca
Federico Parolin	Development of a georeferenced model for the optimal design of a hydrogen supply chain infrastructure	M.Sc	Politecnico di Milano

<b>Bachelor &amp; 2<sup>nd</sup> Level Master Award (1200€)</b>			
Giulia Mingardi	P and T conditions inferred from zircon in garnets from Dora-Maira, UHP Unit, Western Alps	B.Sc.	Università degli Studi di Pavia

<b>Bachelor &amp; 2<sup>nd</sup> Level Master Special Mentions</b>			
Marco Ballarin	Power to gas: effetto della cavitazione ultrasonica sulla concentrazione di gas in un liquido	B.Sc.	Università degli Studi di Padova
Elena Cojocariu	Numerical dynamic – geochemical modeling for CO2 Capture and Storage (CCS)	2nd Level Master	Politecnico di Torino

<b>Master &amp; PhD Special Mentions</b>			
Mattia Bonazzi	ELASTIC GEOBAROMETRY METHODS: VALIDATION THROUGH SYNTHESIS AND CHARACTERIZATION OF HOST-INCLUSION PAIRS BY MEANS OF RAMAN SPECTROSCOPY	PhD	Università degli Studi di Pavia
Tiziana Daniele	Esperienze di Rock Physics e Modelling a scopi di inversione sismica Time Lapse	M.Sc.	Università di Pisa
Lorenzo Faini	The impact of portfolio players on LNG markets and European gas hubs: an analysis of the last decade	M.Sc.	Bocconi University
Giancarlo Gentile	Thermal and Creep-Fatigue Analysis of External Receivers for Solar Tower Plants	M.Sc.	Politecnico di Milano
Alberto Gerri	Integration of a data-driven classifier trained by adaptive sampling with neural networks for the online prediction of the cool-down time in a subsea pipeline after an unplanned shutdown	M.Sc.	Politecnico di Milano
Cristiano Segatori	Ducted Fuel Injection: a Computational Fluid Dynamics analysis of soot formation mitigation mechanisms	M.Sc.	Politecnico di Torino
Leonardo Stracca	Comparison of object functions for the inversion of seismic data and study on the potentialities of the Wasserstein Metric	M.Sc.	Università di Pisa
Daniela Teodor	Initial S - wave and P - wave velocity models for full-waveform inversion from surface wave dispersion curves analysis	PhD	Università degli Studi di Torino