1 Year 1 Day: Giovani Ingegneri e Aziende Un Anno di Colloqui in un solo Giorno! INVITO A TURNINGENERALINATION OF THE SOLO GIORNO!



GLI STUDENTI DI Gli interessati ai Colloqui sono invitati a caricare il proprio Curriculum INGEGNERIA su piazzastudenti.aulaweb.unige.it Incontro al Mattino in Villa Cambiaso

www.simulationteam.com/mipet www.simulationteam.com/strategos tutti gli Studenti www.simulationteam.com/1year1day

Pomeriggio Colloqui a Ingegneria, Area Studio, via Opera Pia 15a

Meeting Program 4 aprile, 2022

9:00 am - 5:45pm CET Live & by Webinar

Villa Cambiaso (am), via Opera Pia 15a (pm)

9:00 Welcome Prof. Agostino G. Bruzzone

9:15 Prof.Roth, Dr.Crocco, Ing.Lombardo

9:20 Eccellenza e Competitività Oggi Responsabili di Aziende Leader a livello Mondiale evidenziano Sfide e le Opportunità, in parallelo, sin dal matino, si terranno le Campus Interviews

13:30 Break

14:00 Meeting with Companies & Campus Interviews

17:45 Chiusura











Join

MIPET













Accesso Live e Virtuale, per ulteriori informazioni, prego contattare 1year1day@simulationteam.com www.simulationteam.com/1year1day

Accedi a Smart 1Y1D e conosci le Aziende

1 Year 1 Day: Young Engineers meet with Major Companies

The Interviews of One Year completed within a Single Day





People interested in Campus Interviews are invited to upload CV on

piazzastudenti.aulaweb.unige.it

Meeting in Morning in Salone, Villa Cambiaso

Afternoon Interviews Indoor at Engineering Buildings via Opera Pia 15a

www.simulationteam.com/mipe www.simulationteam.com/strategos www.simulationteam.com/1year1day

Invitation extended to Computer Science

Meeting Program April 4, 2022

9:00 am - 5:45pm CET Webinar Villa Cambiaso (am), via Opera Pia 15a (pm)

9:00 Welcome Prof. Agostino G. Bruzzone 9:15 Prof.Roth, Dr.Crocco, Ing.Lombardo

9:40 International Opportunities Today

Managers from International Major Companies & Agencies: Opportunities & Challenges, concurrently, Campus Interviews will go since the morning

13:30 Break

14:00 Meeting with Companies & Campus Interviews

17:45 Closure



























1 Year 1 Day: Giovani Ingegneri e Aziende Un Anno di Colloqui in un solo Giorno!



INVITO A TUTTI GLI STUDENTI DI Gli interessati ai Colloqui sono invitati a caricare il proprio Curriculum su piazzastudenti.aulaweb.unige.it INGEGNERIA Incontro al Mattino in Villa Cambiaso

Pomeriggio Colloqui Area Studio, Indoor Ingegneria via Opera Pia 15a

www.simulationteam.com/mipet www.simulationteam.com/strategos www.simulationteam.com/1year1day

Meeting Program 4 aprile, 2022

9:00 am - 5:45pm CET Live & by Webinar Villa Cambiaso (am), via Opera Pia 15a (pm)

9:00 Welcome Prof. Agostino G. Bruzzone

9:15 Prof.Roth, Dr.Crocco, Ing.Lombardo

9:20 Eccellenza e Competitività Oggi Responsabili di Aziende Leader a livello Mondiale evidenziano Sfide e le Opportunità, in parallelo,

sin dal matino, si terranno le Campus Interviews 13:30 Break

14:00 Meeting with Companies & Campus Interviews

17:45 Chiusura











MIPET











tutti gli Studenti





Accedi a Smart 1Y1D e conosci le Aziende

1 Year 1 Day: Young Engineers meet with Major Companies

The Interviews of One Year completed within a Single Day STRATEGOS ALL





People interested in Campus Interviews are invited to upload CV on

piazzastudenti.aulaweb.unige.it

Meeting in Morning in Salone, Villa Cambiaso

Afternoon Interviews Indoor on Engineering
Buildings, via Opera Pia 15a

www.simulationteam.com/mipet www.simulationteam.com/strategos www.simulationteam.com/1year1day

Invitation extended to Computer Science Students

AREINVIED
Visit Smar 1Y1D to

Industries meet Young Engineers: Opportunities & Challenges

ENGINEERIN

STUDENTS





April 4, 2022 - 9:00 am - 5:45pm CET

Villa Cambiaso (am), via Opera Pia 15a (pm)

9:00 Welcome Prof. Agostino G. Bruzzone

9:15 Prof.Roth, Dr.Crocco, Ing.Lombardo

9:20 International Opportunities Today

Managers from International Major Companies & Agencies: Opportunities & Challenges, concurrently, Campus Interviews will go since the morning

12:30 Break

13:00 Meeting with Companies & Campus Interviews

17:45 Closure























BUSINESS AS USUAL... during pandemics







Welcome























Free Live & Virtual Access, for futrher Info 1year1day@simulationteam.com www.simulationteam.com/1year1day

Book your Interviews at the General Channel Into the 1Year 1 Day MS Teams to get your *Day full of Interviews*(not in Linkedin)



Morning Presentation are in VILLA

Afternoon Campus Interviews are in Buildings























Morning Presentation are in VILLA

Afternoon Campus Interviews are in Buildings























Genoa University, Polytechnic School & Engineering Faculty

The University of Genoa is one of the oldest in Italy and in the World (founded in 1471 AD), it is located in middle of Italian Riviera.

The students are about 40,000 (about 8,000 new entries),

and the Engineering Departments involve around 7,500 students distributed among Genoa Locations and two External Sites: Savona Campus and La Spezia Area

Recently the Polytechnic School was established combining Engineering Faculty and Architecture in order to reinforce the vocation of Genoa University to be an International Leader in

Innovative Technologies in a wide spectrum of applications

For further Information about the Engineering & University of Genoa:





Ordine degli Ingegneri della Provincia di Genova









CONFINDUSTRIA Genova





CONFINDUSTRIA Genova

supports International Master MIPET since its begin and promotes these initiatives among Industrial Community

Crocco, Confindustria



Pestilence... and Pandemics



... and War GDP 181b\$ -4.2% **GDP 201b\$ -21%** Kiev **Kobane GDP 19b\$ -5.0%** Kabul

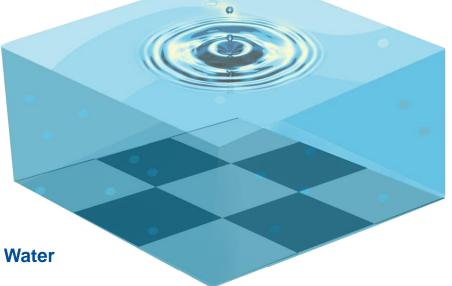
Famine... Water



Addis Ababa, Ethiopia GDP 396b\$ +6.7%



Cairo, Egypt GDP 92b\$ +6.1%



Intellectual Capital for Future of Engineering

Jack Welch (GE CEO 1981-2001 from \$14 billions market value to over \$410 billions): Globalization has changed us into a company that searches the world, not just to sell or to source, but to find Intellectual Capital: the World's Best Talents and Greatest Ideas

















Scientists investigate that which already is; Engineers create that which has never been Albert Einstein, Physics Nobel Price 1921



World Urbanization, Current & Future Changes & Crises

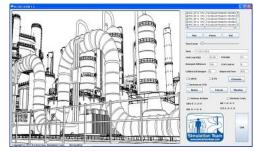
Management of a Region or a Town is a challenging activity dealing with Volatility, Uncertainty, Complexity and Ambiguity and it requires to consider many factors and to involve multiple different stakeholders.

In case of crisis the management is even more difficult: while governance procedures are suitable for normal everyday operations, they could fail when conditions are critical. In this case, the new problematic situation could have no previously developed procedures or have one that is purely theoretical and was never experienced (e.g. lack training, low reliability, difficulties in decision making).





Digital Twins...

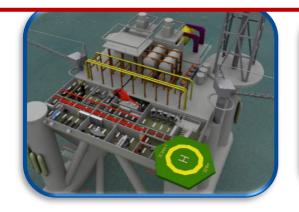








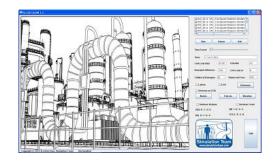
... exist, therefore we have to look inside to see their characteristics and usability







Keep in Mind...









... XR could be supported by very innovative as well as consolidated supports

XR eXtended Reality as combination of Virtual and Augmented Reality (VR & AR)







... the Potential of new Solutions





The Author conducted various experiments on different solutions, devices and platforms to improve safety in ports & industrial plants. For instance, there were tested solutions based on tablets and smartphones and CAVEs.





Strategic Engineering & STRATEGOS



Strategic Engineering

is a new Discipline, devoted to combine <u>Modeling & Simulation</u>, Data Analytics & Artificial

Intelligence in closed

<u>loop</u> to support the

Strategy Development

& Decision Making

A Strategy is not a Plan,
a Strategy is the ability to
well direct your own
resources to achieve major
Goals for your success

Al Artificial Intelligence

STRATEGOS aims to develop an International Capability in Strategic Engineering and it's the 1st Master of Science in Italy and among first ones worldwide on this subject

strategos promotes the new ways to use Quantitative Modeling and Analysis by preparing the new generations of Experts, among Engineers, Managers and Officers to be able to interact directly with the Top Decision Makers on Crucial Problems



Strategic Engineering

allows to combine many different sources of data and to clean, elaborate and fuse them together using Al and Data Analytics to extract information

This allow us to know what happen in the past and what is happening now to get a good picture of the present and to understand it better by using our up-to-date Models & Al Al Artificial Intelligence

The Models are used to simulate the situation and the impact of our decisions but also to consider all possible alternatives in terms of situation changes and other players moves.

So the Decisions are made with benefits of Results of Simulation & Smart Systems based on Al

The real impacts of our actions on the field allows to dynamically refine our models & simulators by using advanced Machine Learning Techniques

The Strategos...





...owns the Art to Know better what is Happening or is Likely to Happen

The Strategos...





...looks at goals as to simply tools to focus positively the energy, these can be changed as his priorities change, new one added & others dropped

Christopher Columbus, Memorial, 1501 A.D.







Important Partnership with major Agencies & Companies

SEASTEMA

Horsa devLab







amiu

BRANDNEW





Ial Istituto Affari Internazionali













BDA









active Partnership **STRATEGOS** with

on Workshops and

Exercises, as well as on Internships (6 months), Summer Stages (3-6 weeks) and Project

Initiatives







New Threats... & New Assets Real... and... Virtual

Nowadays, there are new Threats

in Physical World and in

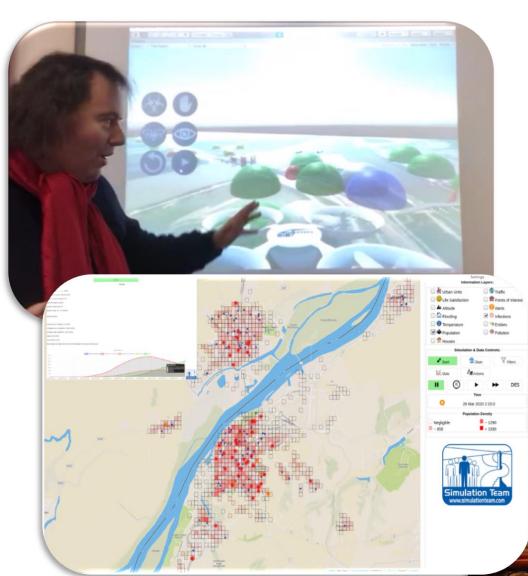
Cyber Space that need

to be considered

At the same time
New Solutions
Exists to improve
Safety & Security
in Extended Maritime
Framework dealing with
Cyberphysical Systems, GPS
Spoofing, Hybrid Operations and
Media or Cyber Attacks to Critical Infrastructures













MIPET



XIII Edition 2022









Ordine Ingegneri Genova







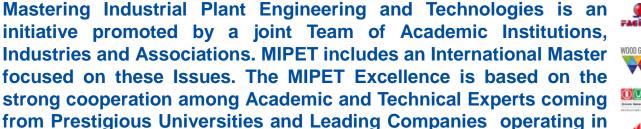








































Industrial Plants and Process Industries, Oil & Gas







this area with special attention to Energy, Iron & Steel, EPC, Large



























Academia, Institutions & Industries

















































blackship

























WOOD GROUP







WHAT IS MIPET



MIPET is the <u>International Master in Industrial Plant</u> <u>Engineering of Genoa University</u> (il Master Internazionale in Impiantistica e Tecnologie, Scuola Politecnica, Ingegneria, Università di Genova).

MIPET is the 1st and most consolidated International Master Program of Genoa University, fully sponsored privately by

Major Multinational Companies, investing on young Engineers and looking for talents. 12 Successful Editions in 12 years confirm the strong Industrial Interest in MIPET











4 MONTHS TO WORK



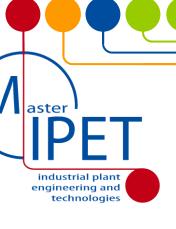
MIPET XIII Edition starts end of June 2022* and puts you at Work in only 4 months. After Labs

& Lectures, you will conduct your <u>Internship in a Leading Industry</u> for 3 additional months, just to present your <u>Project Work</u> and being ready to evaluate final Job Proposals by Companies. MIPET Industries participate in Selection Process, they invest time & money in <u>MIPET</u>, so it's not surprising that our <u>Placement Rate overpasses largely 80%</u>.

* MIPET guarantees possibility to participate to Engineers graduating in April, Academic Year last session First Week is focused on English Lectures and there is a Summer Break in August







LEADING ENGINEERING ... AND MORE!

MIPET Program is developed by Industrial Top Experts & Academic Scientists sharing 50% teaching on Practice & Theory of Technical Advances of Industrial Plants and Technologies. In addition, Soft Skills Courses (e.g. Project Management, People Management, HR Orientation*, Spanish for Latin American Markets) and Seminars, by Managers, Engineers and Scientists of 5 Continents, prepare you to Work all around the Globe.











GOOD OPPORTUNITIES • FOR JOB & YOUR CAREER

MIPET Outstanding Candidates get free registration, while large majority (usually 90%) receives Grants and have to pay only 1'900 Euro; by the way, MIPET Sponsors are expected to refund even this amount to students that they hire at the end.

The MIPET Internships are usually paid by Industries.

This year, the Companies are offering **Great Job Opportunities** to **Italian Engineers** attending MIPET and willing to work, based in their Genoa Offices or in Italy.











Cerchiamo Ingegneri Genovesi per operare in Team Internazionali













Questi Volantini sono una poche cose in Italiano nel MIPET



technologies



www.itim.unige.it/mipet/join





Axpo a full of energy company

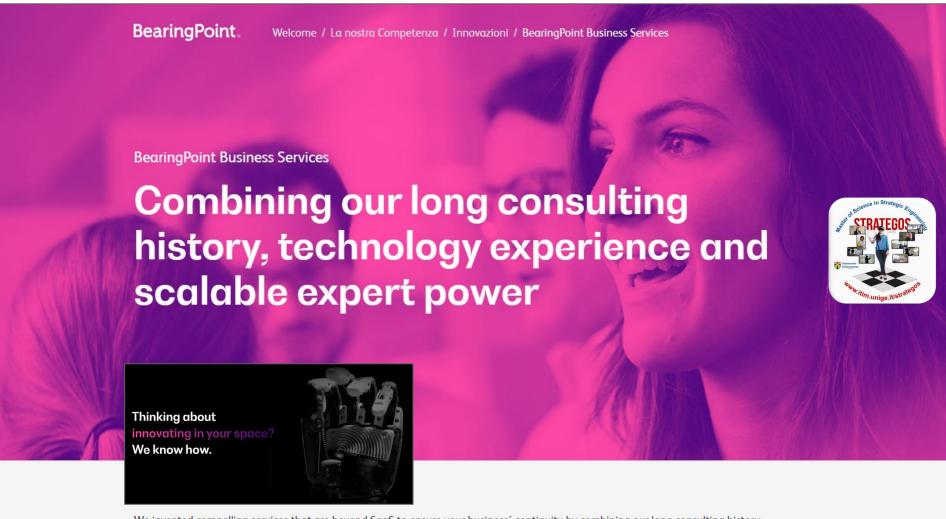






BearingPoint Arcwide





We invented compelling services that are beyond SaaS to ensure your business' continuity by combining our long consulting history, technology experience and scalable expert power.



RuleX

Rulex

The Al That Tells You Why™

With Rulex Explainable AI, existing process and data experts (not programmers or data scientists) automate operational decisions on a global scale, in record time, at the lowest cost.



VR, AR, M&S, Al/IA, Big Data for Industries & Business Processes



www.sim4future.com











Per candidature ed incontri conoscitivi potete inoltrare il vostro cv a:

maria.savioli@paulwurth.com

<u>lucia.pastorino@paulwurth.com</u>

Grazie!





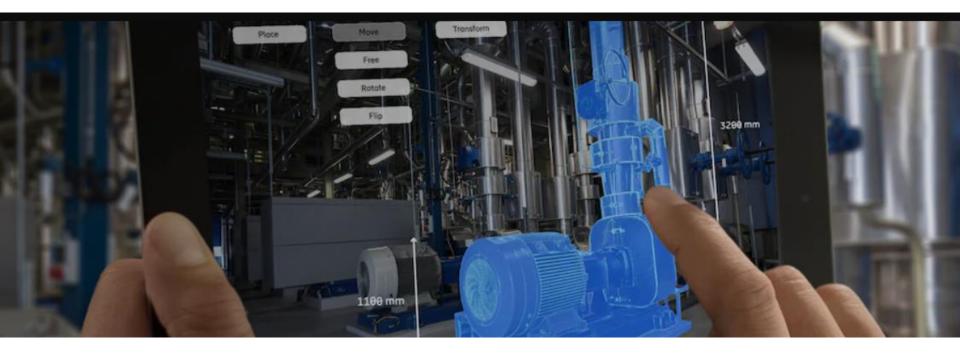








ERICSSON 5















Adecco

Adecco

Trova il lavoro che fa per te

con il primo datore di lavoro in Italia.







www.vernazzautogru.it

VERNAZZA ALTOGRU



















Teresa Boniface, HR Manager & Chiara Delebi, manager, Staff

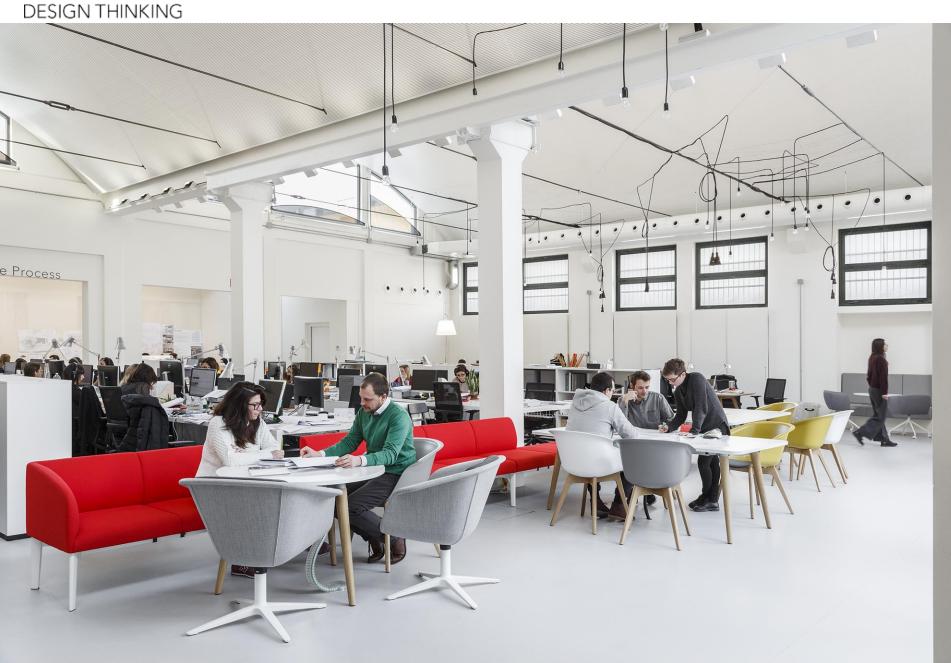


ALTEN Italy





LOMBARGINIZZ DESIGN THINKING





TRASPORTO GAS



ECOBONUS



TELERISCALDAMENTO



DISTRIBUZIONE GAS



INVESTOR RELATIONS



SPORTELLO del CONSUMATORE



KEYTECHNOLOGIES





Figures.

11+ML

Fatturato

100+

Clienti



Consulenza professionale e soluzioni innovative che spaziano dalla progettazione e realizzazione di sistemi informativi complessi alla gestione e governance dei processi, dai servizi di compliance aziendale alla gestione di servizi sistemistici e di networking.





200 kW Powertrain Driver For Electric / Hybrid Boat Client: POLIMI - Politecnico di Milano



Power converters for railway application – BALIN system Client: Trenitalia



Plug- In Hybrid Boat Powertrain Client: University of Genova



Dolomitech Advanced PropulsionClient: Provincia autonoma di Trento



Hitachi Rail STS









Digital Analytics

Misurazione. La profonda comprensione dei dati.

Raccolta e analisi quantitativa e qualitativa, visualizzazione delle performance, implementazione di nuove metriche. Un continuo affinamento delle conoscenze informative è alla base di ogni buon risultato.



Digital Analytics





ENTERPRISE ARCHITECTURE



MARKETING TECHNOLOGY



FULL STACK
DEVELOPMENT



BUSINESS



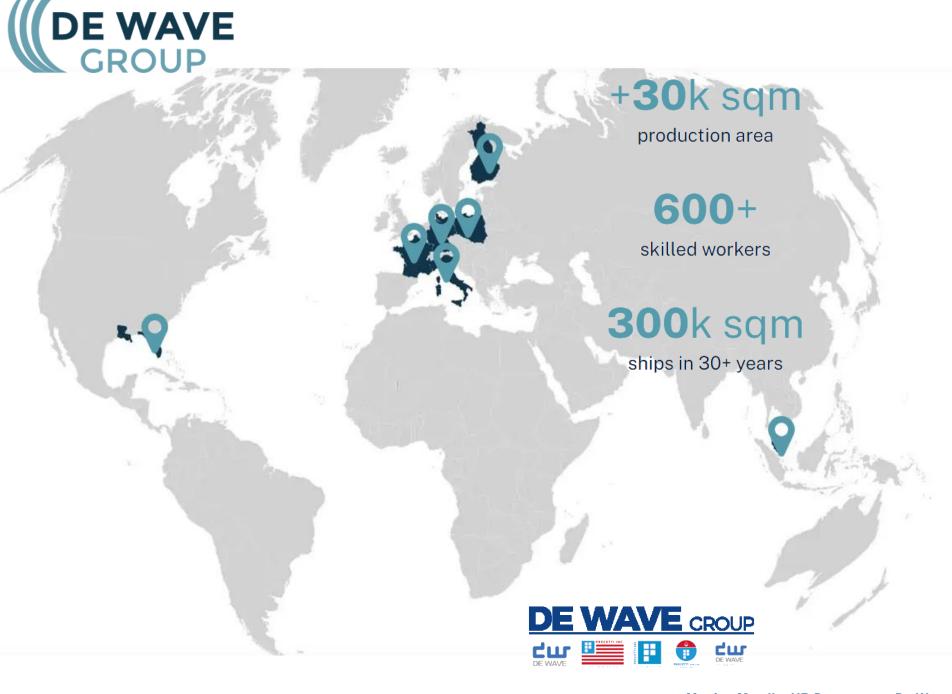
MOBILE DEVELOPMENT



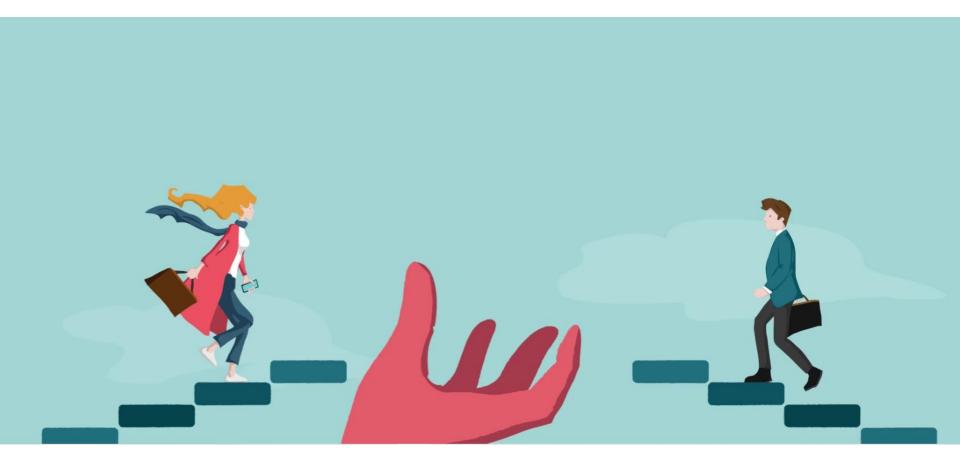




- We help various operators worldwide,
 - ✓ Italy (IPLOM, IES, API)
 - ✓ Former Soviet Union (UFA and Odessa Refineries)
 - ✓ Mediterranean Area (Egypt, Libya, Tunisia)
 - ✓ India (HMEL)
- providing Consulting Services
 - Strategic consulting, feasibility studies
 - ✓ Technical assistance
 - ✓ Process design studies
- and Software solutions: Prometheus DSS
 - Crude oil characterisation
 - ✓ LP Refinery Optimisation
 - ✓ Blending Optimisation
 - ✓ Operation Scheduling
 - Plant simulation / monitoring









LA NOSTRA INNOVAZIONE, LE TUE PERFORMANCE

Da oltre 40 anni Aziende, Professionisti e Associazioni di Categoria trovano in Zucchetti un partner che realizza soluzioni con la tecnologia più avanzata.

Ciò ti consente di acquisire importanti vantaggi competitivi e di avere un business di successo.

Un'ampia e innovativa offerta di **soluzioni software, hardware e servizi ti permette di disporre della migliore soluzione sul mercato** e di avvalerti di un unico Partner in grado di soddisfare le tue esigenze tecnologiche.

CONNESSI CON IL TUO BUSINESS

Attraverso personale altamente qualificato il Cliente è seguito in ogni fase ed esigenza: da un competente supporto pre-vendita per individuare la migliore soluzione, a un tempestivo supporto post-vendita; da una puntuale formazione per sfruttare al meglio le potenzialità delle soluzioni, a un costante aggiornamento su tematiche civilistiche, contabili, fiscali, giuslavoristiche e previdenziali.

Più di 7.000 persone, di cui 1.500 dedicate alla Ricerca e Sviluppo, al servizio di oltre 700.000 Clienti.

PRESENTI, EFFICIENTI, AL TUO SERVIZIO IN ITALIA...

Siamo al fianco dei nostri Clienti con **sedi in tutta Italia e più di 1.650 Partner**: così possiamo garantirti un supporto costante e tempestivo.

...E NEL MONDO

Supportiamo le necessità dei Clienti con sedi e filiali all'estero con nostre società in Austria, Brasile, Bulgaria, Francia, Germania, Romania, Spagna, Svizzera, UK, USA e oltre 350 Partner in 50 paesi del mondo.

ACCELERIAMO **LA TUA INNOVAZIONE**

Grazie a soluzioni innovative acceleriamo i tuoi processi di trasformazione digitale e dematerializzazione.



Stefano Orgolesu, R&D Manager; Paolo Buschiazzo R&D, Senior Engineer, Selesta Ingegneria







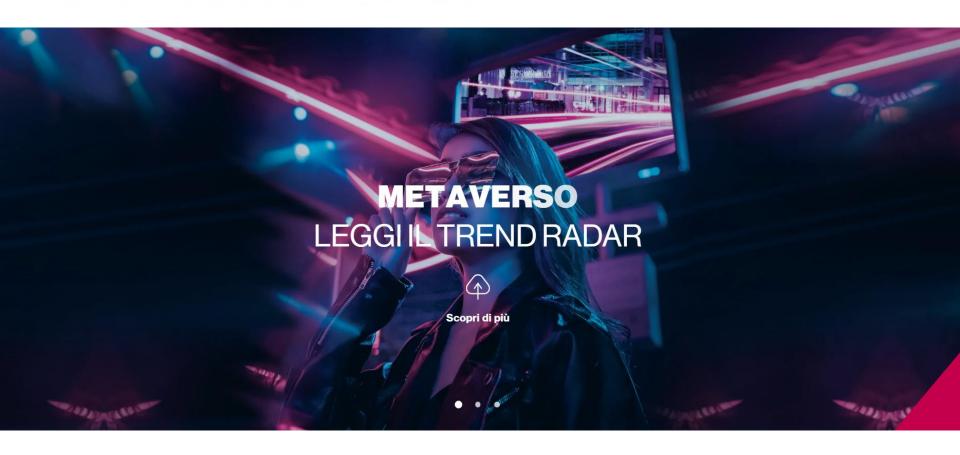
CAREER DAY UNIVERSITA' DI GENOVA

✓ 22 Novembre 2021

1year1day (in presenza)

https://www.simulationteam.com/1year1day/







Siamo una realtà attiva nel mercato della consulenza informatica e ingegneristica e supportiamo i nostri clienti e partner nel loro sviluppo tecnologico creando soluzioni personalizzate e aiutandoli a raggiungere più velocemente i risultati prefissati.



ENGINIUM È LA SOCIETÀ SPECIALIZZATA ENGINEERING DI GI GROUP, LA PRIMA MULTINAZIONALE ITALIANA DEL LAVORO.

www.gigroup.it











Questions & Free Discussion...

























Accesso Live e Virtuale, per ulteriori informazioni, prego contattare 1year1day@simulationteam.com www.simulationteam.com/1year1day





... and Interviewing

























Accesso Live e Virtuale, per ulteriori informazioni, prego contattare 1year1day@simulationteam.com www.simulationteam.com/1year1day



References

www.itim.unige.it/mipet mipet@itim.unige.it













Prof. Agostino G. Bruzzone DIME, University of Genoa via Opera Pia 15, 16145 Genova Email agostino@itim.unige.it
URL www.itim.unige.it/strategos











Dott.ssa Marina Massei DIME, University of Genoa

Via Cadorna, 17100 Savona, Italy Email massei@itim.unige.it
URL www.itim.unige.it/mipet







Ing.Kirill Sinelshchikov Simulation Team, DIME

Via Opera Pia 15, 16145 Genova, Italy Tel +39 346 8289 012 - Fax +39 019 2302 289, Email Kirill@simulationteam.com URL www.simulationteam.com/mipet

















