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



INVITO A TUME GLI STUDENTI DI Gli interessati ai Collogui sono invitati a caricare il proprio Curriculum INGEGNERIA su piazzastudenti.aulaweb.unige.it

www.itimainige.it/mipet

Accedi a Smart 1Y1D e conosci le Aziende

o inviarlo a 1year1day@simulationteam.com

www.simulationteam.com/1year1day www.itim.unige.it/mipet

Join

MIPET

Meeting Program 30 novembre, 2020, 9:00 am - 17:45 Webinar

9:10 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

12:30 Break

13:00 Meeting with Companies & Campus Interviews

17:45 Chiusura























tutti gli Studenti

Accesso virtuale, per ulteriori informazioni, prego contattare 1year1day@simulationteam.com www.simulationteam.com/1year1day 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

or to send it to 1year1day@simulationteam.com

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Invitation extended to Computer Science

Meeting Program

November 30, 2020 – 9:00 am - 5:45pm

Webinar

Join **MIPET**

9:10 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



ENGINEERI

STUDENTS





























1Year 1 Day: Giovani Ingegneri e Aziende Un Anno di Colloqui in

1year1day@simulationteam.com

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Accedi a Smart 1Y1D e conosci le Aziende

1 Year 1 Day: Young Engineers meet with Major Companies

The Interviews of One Year completed ALL within a Single Day



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Meeting Program

Invitation extended to Computer Science

Industries meet Young

ARE INVITED

Engineers: Opportunities & Challenges

ENGINEERIN

STUDENTS

Webinar 9:10 Welcome Prof. Agostino G. Bruzzone

9:15 Prof.Roth, Dr.Crocco, Ing.Lombardo 9:20 International Opportunities Today

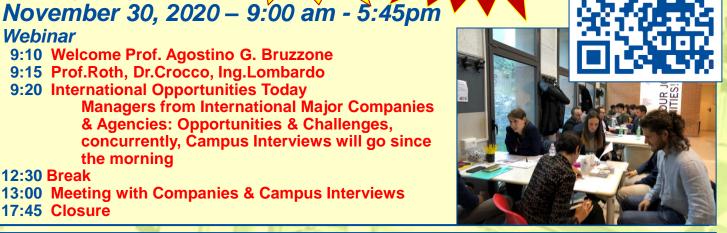
Managers from International Major Companies

& Agencies: Opportunities & Challenges. concurrently, Campus Interviews will go since the morning

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17:45 Closure



Visit Smar 1Y1D to know the Companies























BUSINESS AS USUAL... despite covid-19







Welcome























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

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





Simulation Team

Simulation Team... Who We Are?



Universities, Research Centers and Companies operating worldwide in synergy for developing Innovative Solutions with a particular focus in Modeling & Simulation









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









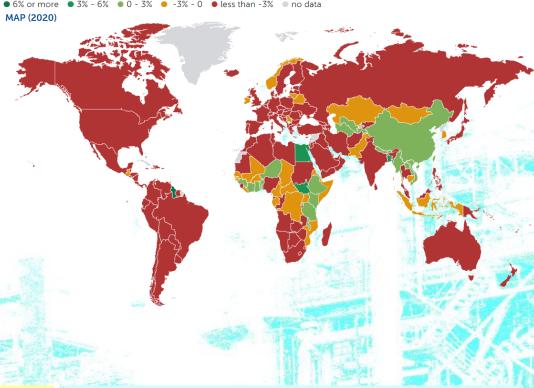


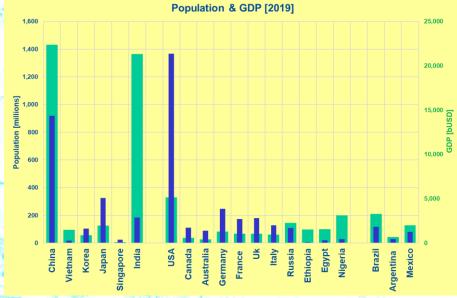


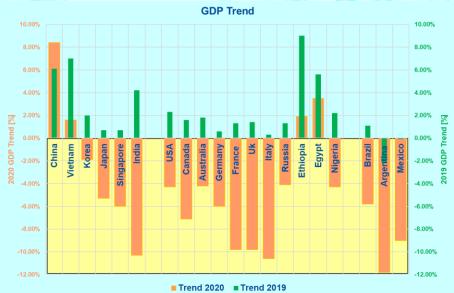




Scientists investigate that which already is; Engineers create that which has never been Albert Einstein, Physics Nobel Price 1921 A World evolving a World plenty of Challenges & Opportunities









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).





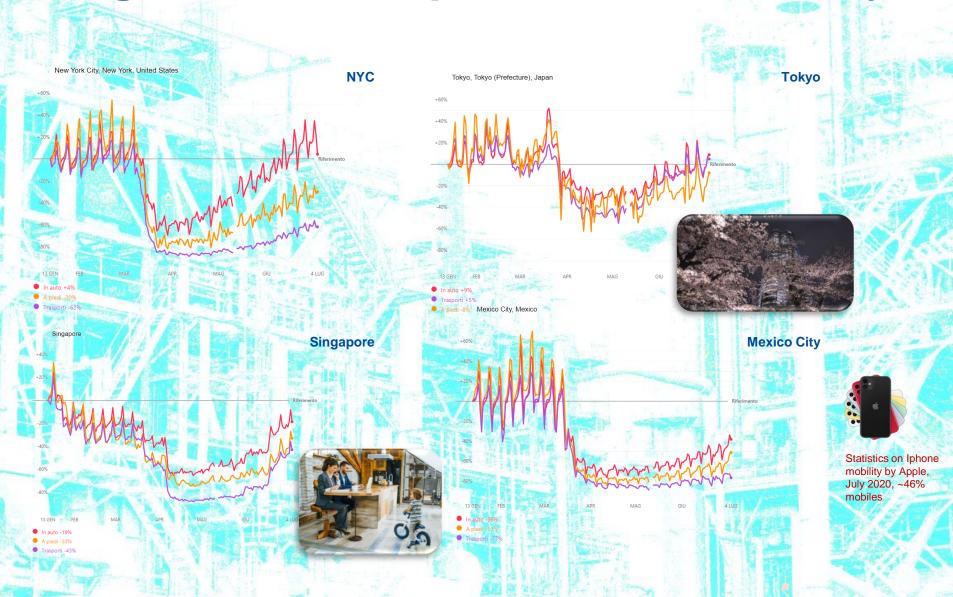
We are discovering things that we was supposed to Know...



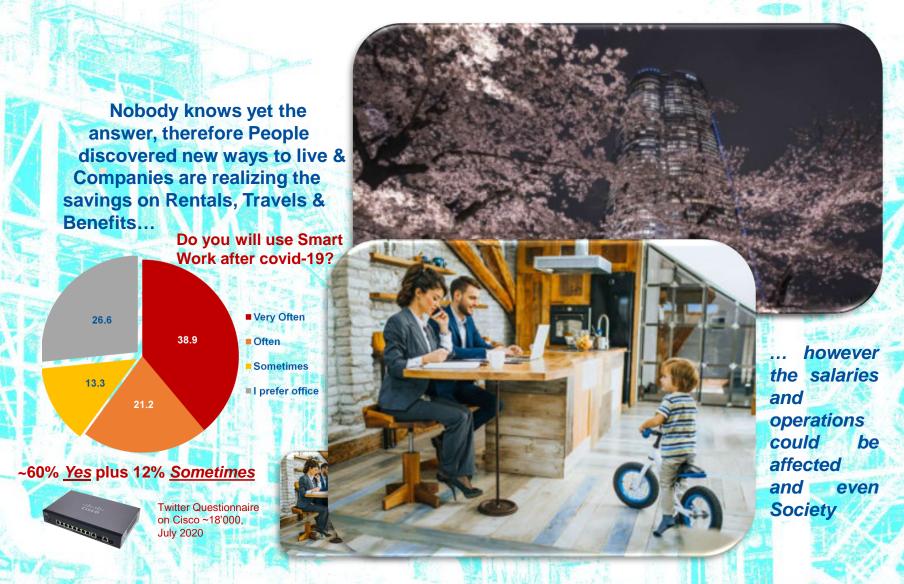
- We experience known & neglected Vulnerabilities
- We discovered capabilities never put at real work
- We were forced to step forward by covid-19 crisis



...e.g. We can adapt to live in new ways



We are creating new ways to Work and Live









... and Safety and Security

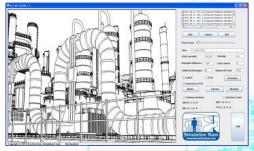




... and Safety and Security



Digital Twins...

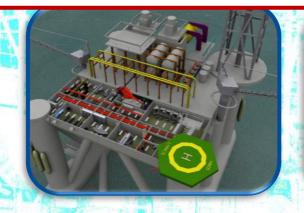








... exist, therefore we have to look inside to see their characteristics and usability







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)





Added February 25 - Comment - Sike

Smilaton, Team, 2010-04 by Genso PortCenter (Share + Tag this Phota Report This Phota

... 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

Modeling & Simulation,

Data Analytics & Artificial

Intelligence in closed

loop to support the

Strategy Development

& Decision Making

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

STRATEGOS aims to develop an International Capability 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 o

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

Loosely Translated

Socrates in Laches, 198 E, 423 B.C.

The Strategos...



Lê o conscidera e mirë comme di senplici strumenti pe focaliza a seu energia, cose che peuan ese cangiæ quande cangian e prioritæ: de neuve peuan azonzise e de atre peuan ese eliminæ

...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







Genuense



Currently, many Major Companies, Institutions Agencies are active Partnership with STRATEGOS

on Workshops and Exercises, as well as on

Internships (6 months), Summer

Stages (3-6 weeks) and Project

Initiatives



ruex



ANSALDO

















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

Nowadays, there are new Threats in Physical World and in Cyber Space that need

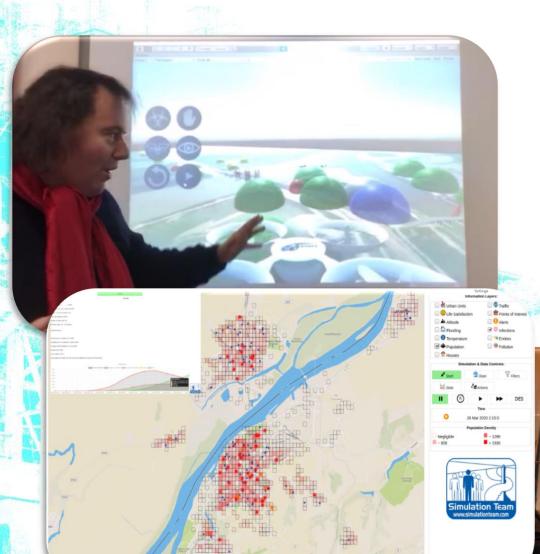
to be considered

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









STRATEGOS STRATEGOS Genuense Athenaeum hww.itim.unige.itlstrategos





MIPET



12th Edition 2021



Università degli Studi di Genova









Ordine Ingegneri Genova







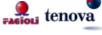








Mastering Industrial Plant Engineering and Technologies is an initiative promoted by a joint Team of Academic Institutions, Industries and Associations, MIPET includes an International Master focused on these Issues. The MIPET Excellence is based on the strong cooperation among Academic and Technical Experts coming from Prestigious Universities and Leading Companies operating in this area with special attention to Energy, Iron & Steel, EPC, Large **Industrial Plants and Process Industries, Oil & Gas**































































Academia, Institutions & Industries

MIPET ORGANIZERS & SUPPORTING INSTITUTIONS































































































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. 11 Successful Editions in 11 years confirm the strong Industrial Interest in MIPET











4 MONTHS TO WORK



MIPET 12th Edition starts end of April 2020* and puts you at Work in only 4 months. After Labs

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

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 1'500 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 delle poche cose in Italiano nel MIPET





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G.Toso, HR Manager, DANIELI

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



www.sim4future.com

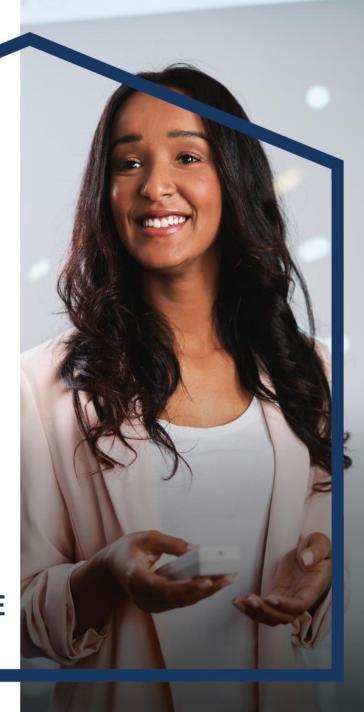




You are part of those who believe, of those who achieve.

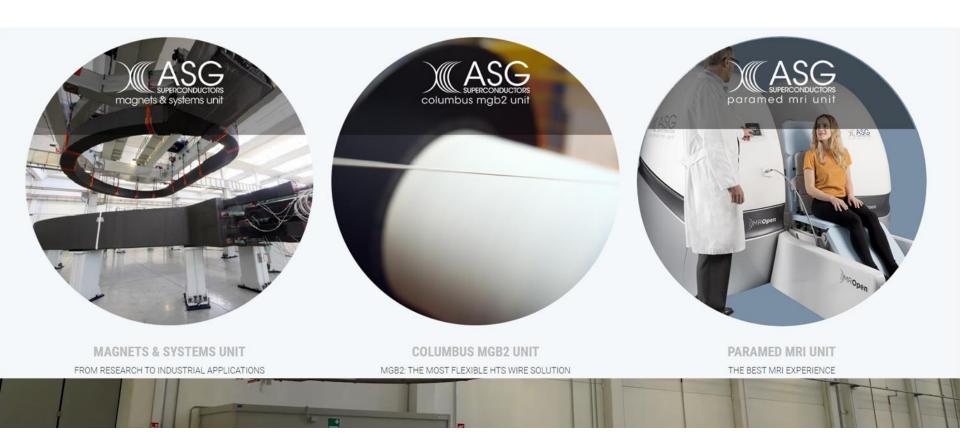


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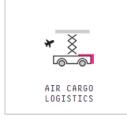


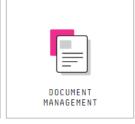














BCUBE in numeri

600,0 MLN
FATTURATO

2,0 MLN
ITEMS GESTITI

2,1 MLN
M3 IMBALLATI

4,6 MLN
TONNELLATE SPEDITE

21.000
ORE DI FORMAZIONE

114,4 MLN

Organization Chart

Gruppo FOS controlla al 100% diverse aziende con capacità tecnologiche verticali che operano in modo integrato e che si caratterizzano per la presenza in primari Centri di Ricerca internazionali ed importanti distretti tecnologici.















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Viola Gallabresi, HR Administrator, IBM



escape the ordinary

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5 sedi

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ISO 9001:2015, ISO/IEC 27001:2013, ISO/IEC 20000-1:2011, ISO 14001:2015



www.sistinf.it







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La Fintech start up con oltre 35 anni di storia













Questions & Free Discussion...









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References

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













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