

SaMoTer

3-7 MAY, 2023
VERONA, Italy

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31st international construction machinery exhibition scheduled 3-7 May

SAMOTER 2023: CONSTRUCTION SITES OF THE FUTURE BECOME REALITY AT VERONAFIERE

The new Samoter Lab area makes its debut at the trade show with Cantiere Digitale-The Digital Construction Site. Asphaltica - the exhibition of road paving and road infrastructure technologies - is scheduled in Verona at the same time

www.samoter.it

Verona, 3-7 May 2023. Samoter is back with its **31st edition** hallmarked by **innovation**. The triennial international construction machinery exhibition will take place 3-7 May 2023 at **Veronafiere**: the five-day event with **536 sector companies** in the forefront (115 international from **23 countries**). Visitors will be able to tour 6 halls for a total show area of more than **50,000 square meters**, joined by 3 outdoor areas for displays and dynamic demo areas.

SaMoTer is held in conjunction with **Asphaltica**, the show highlighting road paving, safety and road infrastructure technologies and solutions promoted together with **SITEB** - Strade Italiane e Bitumi.

Samoter is the only event in Italy that covers the **construction machinery** supply chain in its entirety whole. It is also the main landmark event in Europe in 2023, with important attendance and returns among the leading international machinery builders in the world of earthmoving, concrete, road building, drilling, crushing, lifting, vehicles, components and services.

The show confirms its status as a **b2b platform** of international calibre: there are 106 **top international buyers** attending this year, selected, invited and hosted thanks to investments by Veronafiere in collaboration with the **ICE-Trade Agency**. Thirty-six countries were targeted for incoming promotion: Albania, Angola, Algeria, Azerbaijan, Brazil, Cameroon, Colombia, Ivory Coast, Croatia, Denmark, Ecuador, Egypt, Ethiopia, Georgia, Ghana, Jordan, Iran, Israel, Kazakhstan, Kenya, Libya, Poland, Montenegro, Morocco, Mozambique, Macedonia of the North, Romania, Saudi Arabia, Serbia, Slovakia, Slovenia, Tunisia, Turkey, Turkmenistan, Uzbekistan and Venezuela.

Samoter 2023 highlights the key role that the construction machinery industry is destined to play in terms of **environmental sustainability** and the development of new economic models: vital progress that goes hand in hand with the **4.0 revolution**.

Against this background, Samoter 2023 is the preferential observatory for discovering the building site of the future.

The two main innovations at this show precisely take this direction. Hall 12 is home to the first **Samoter Lab**, an exhibition area that brings together companies presenting the most innovative solutions, starting with the winners of the 24th **Samoter Innovation Award**, alongside very high profile training and updating courses. The technologies on display include: sensors, remote sensing devices, trouble-shooting tools, drones, hybrid and electric vehicles for work in urban contexts, smart machines and digital platforms for human-to-machine (H2M) and machine-to-machine (M2M) interaction, safety management software.

The appointment in Outdoor Area F with **Cantiere Digitale-Digital Construction Site** is an effective demonstration of the philosophy of Samoter Lab: an area of 3,000 square meters where fully automated machinery and technologies can be watched at work on construction of a road infrastructure; the initiative is a collaboration with "**Quelli del movimento terra**".

"Samoter 2023 is the point of arrival after a long run-up period that began in 2017 which was then slowed down by Covid," said **Federico Bricolo**, President of Veronafiere. "The important thing is that over this time we nevertheless managed to maintain and strengthen our relationships with companies and associations, staying in close never and dialogue with the market, through a series of initiatives such as Samoter Days, Samoter B2Press, the Innovation Award and the cycle of webinars. A sense of togetherness and planning clearly perceived by the sector, as proven by the figures for Samoter this year, which also sees the return of major international machinery builders. We have involved institutions to a great extent in this edition, primarily the Ministry of Enterprise and Made in Italy and the Ministry of Infrastructure, both attending the event Verona to listen to the needs of the sector. All this thanks to great teamwork with partners and stakeholders, among whom I especially wish to thank Unacea, Siteb and ICE-Trade Agency."

"Precisely at a time when the construction machinery sector is tackling such rapid evolution, SaMoTer is back - and ready as always to play its part together with its entire community," said **Maurizio Danese**, Managing Director of Veronafiere. "Six years of absence from the trade fair scene because of the pandemic poses a major challenge for such a highly specialized triennial event. Yet precisely its history going back to 1964 is also the strong point of this exhibition which, despite the difficulties, is even more committed to listening to the needs of businesses, by investing in "tailor made" attendance for companies with a strong focus on innovation and training."

Inasmuch, the 31st edition is a vital showcase and the essential appointment for all professionals in the sector: a venue for meetings and discussion that promotes and supports business, while equally providing visitors with information and food for thought to analyse the current context and forecasts for the near future more clearly.

The **construction value chain** is central to Italy's economy and contributes 46% to the country's fixed investments, 8.2% of GDP and 22.5% of industrial employment, with multiplying effects on the growth of national wealth. Additional demand coming to 1 billion euros in construction generates an overall impact on the economic system of 3.5 billion euros and more jobs for over 15,000 people, with about 10,000 in construction and 5,000 in allied sectors (source: ANCE - National Construction Industry Association)

The 31st Samoter is also eagerly awaited given its impressive calendar of **conferences** and **workshops**: thanks to collaboration with institutions, research centres, universities, the trade press, associations and companies, more than 80 appointments are scheduled where operators can keep up to date with news and developments even of international scope. Technological innovation is always in the foreground, especially with reference to the ecological and digital transition, together with safety, training, rental, productivity, efficiency and new solutions for construction sites and roads.

Veronafiere Group

Veronafiere has organized exhibitions and events since 1898. It is a modern international group that offers companies and industrial value chains an integrated business development system. Veronafiere's goal is to multiply relationships by connecting people, markets and ideas through events attended in person and digital formats. Vinitaly, Fieragricola, Fieracavalli, Marmomac and Samoter are just some of the highly successful exhibition brands highlighting specialisation in value chains such as wine&food, agro-foods, the equestrian world, natural stone and construction machinery. Over the years, the offering has also expanded into other sectors, including sustainable logistics, biomedical, art, training, wood biomass heating and a passion for motorcycles. Veronafiere's strong-point lies in being the direct organizer of its own events. This experience, combined with the high standards of its infrastructures and online platforms, as well as international subsidiaries in China and Brazil, means that Veronafiere can effectively support the promotion of more 70 trade fair products in 12 countries.

Veronafiere Press Office

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Press Release

Event promoted by the SITEB (Strade Italiane e Bitumi) Association and Veronafiere scheduled 3-7 May.

"IMPLEMENTATION OF THE PNR, ENVIRONMENTAL SUSTAINABILITY, SAFETY AND TECHNOLOGICAL INNOVATION" ARE THE MAIN TOPICS AT ASPHALTICA 2023

Verona, 3-7 May 2023 – There are only a few days left before the ribbon cutting ceremony for **Asphaltic**, the trade fair for sustainable technologies and solutions for road paving and road infrastructure promoted by **SITEB** (Strade Italiane e Bitumi Association) and **Veronafiere** in **Verona 3-7 May**.

Technological innovation, sustainability, safety and the PNR will be the four pillars on which this edition will focus: more than **80 exhibitors** will showcase road machinery, road paving technologies and solutions that are safe and environmentally friendly, backed up by over **30 conferences, workshops and insights**, as well as **1 outdoor area** where machinery and systems will be on show together with dynamic demos.

The event will be attended by managers and representatives of public administrations and the main industry operators in this sector (road-builders, plant and machinery manufacturers, oil companies, research laboratories, the chemical industry for rubber and additives, alternative inert materials, reinforcement and waterproofing membranes for road surfaces), alongside figures from national and local institutions, professors in the academic world and experts who will also discuss best practices and new green technologies. An occasion for comparisons for the asphalt supply chain which in Italy is worth between 18 and 20 billion euros, with 400 factories and 35,000 direct employees, growing to 500,000 if allied industries are also considered.

The **forum**, organized by SITEB, will host initiatives looking into new scenarios for smart & sustainable roads of the future. The aim is to understand when the green transition of our roads will take place and what tools are available to make Italy's road assets safer while further reducing the environmental impact of construction and maintenance work.

"The coming edition of Asphaltica," highlighted Michele Turrini, President of SITEB, "comes at a decidedly important time for Italy as it tackles the implementation of the National Recovery and Resilience Plan and the environmental objectives set at European level to fight polluting and climate-change emissions. We will seek to understand, during the trade fair itself and thanks not the least to reports by experts and representatives of the institutional and business world, how substance can be assured for investments in the safety of Italy's road assets and how to make the most of the resources made available by the PNR to design durable roads that are also environmentally and economically sustainable".

For more info about the programme, consult the www.asphaltica.it website.

For more information: Marco Catino – SITEB Press Office
M. 329-3052068 – catinom@libero.it - siteb@siteb.it



CONSTRUCTION MACHINERY PRODUCTION, EXPORTS AND MARKETS ARE GROWING

Verona, 3-7 May 2023. UNACEA estimates turnover in 2022 for **national production** of construction machinery at approximately 3.9 billion euros, posting growth of 15% over the previous year. 79% of the production volume (worth 3.1 billion euros) is **exported** to countries all over the world, up by 9.7% compared to 2021. Additionally, over the past year, **imports** amounted to around 2.1 billion euros, up by 30.4% over the previous year, driven by extraordinary expansion on the Italian market. The **balance of trade** in 2022 was almost one billion euros in the black and it is currently estimated that around **85,000 jobs** were generated by the production and sale of construction machinery.

The trade association has also analysed data for the **Italian market** for machinery sold in Italy (national and international combined). The overall volume for earthmoving, road, concrete and telehandler machines came to 29,613 units in 2022, an increase of 16% compared to the previous year. UNACEA, in collaboration with CER (Centro Europea Ricerca), **envisages** a slowdown in growth rates for 2023 which should reach a more physiological level of +2.4% and 30,322 machines sold.

*"Thanks to significant industrial input and the drive provided by European legislation, the latest generation construction machinery now on the market have achieved significant goals in terms of operator safety, reduced environmental impact and product quality," said **Nicola d'Arpino, Vice President of UNACEA.** "However, technologies that are widely available on the market and used as standard practice elsewhere, often find it difficult to penetrate the Italian market given persistence of old, incorrect and even harmful construction practices, or unjustifiable opposition to the inevitable progress of the sector and its legislation. We therefore hope to see increasingly effective dialogue between the industry and a key institution such as the Ministry of Enterprise and Made in Italy, which can help bring about a technological breakthrough in the construction world to the overall benefit of the country's economic development."*

Founded in 2010, [UNACEA](https://www.unacea.org) (National Union of Construction Equipment & Attachments Companies) has more than 85 member companies representing 80% of turnover, in production and import sectors alike for all types of machinery: earthmoving, road-building, concrete, drilling, equipment and tower cranes. The Association will take part in the international Samoter Trade Fair 3-7 May.

Contacts

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31st SaMoTer scheduled at Veronafiere 3-7 May 2023

SAMOTER 2023: TECHNOLOGY AND INNOVATION AT WORK IN DIGITAL CONSTRUCTION SITES

Road building takes centre stage in the SaMoTer LAB demo area. 4.0 machinery and digital control technologies at work through three strategic stages: surveying, design and machine-machine interaction.

Verona, 3-7 May 2023– Samoter, the site machinery exhibition scheduled at Veronafiere 3-7 May 2023, will boast a new and revolutionary high-tech area: Il Cantiere Digitale - The Digital Construction Site A full-scale automated construction site set up in the Samoter LAB demo area, thanks to collaboration with 'Quelli del movimento terra', an online community and portal providing very useful services for construction professionals.

SaMoTer Lab came about thanks to constant and continuous debate with the sector, that expressed the need for a venue specifically for technological displays, combined with updating, discussion and training opportunities. Samoter LAB focuses on innovation, digitalisation, de-carbonisation, safety and training. Cantiere Digitale - The Digital Construction Site is the natural outcome of all this: a full-scale work place for cutting-edge machinery and solutions.

The companies taking part in the LAB project because they believe in the value of this initiative are: CGT Caterpillar, Cenati, Hitachi Construction Machinery, Kiwitron, Komatsu, Leica Geosystems, Ma-Estro, Moba, S.C.S. Survey Cad System, SITECH - Spektra a Trimble Company, Spring Machine Control, Way, Wacker Neuson and Faresin Industries.

This Digital Site will feature the typical tasks carried out on construction sites will be recreated here several times a day, highlighting the advantages deriving from the use of technologies in terms of productivity, quality and safety.

Visitors attending SaMoTer will have the chance to watch 4.0 machinery and *digital control* technologies at work in the construction of road infrastructure across three strategic stages: **surveying** with drones, GPS, scanners, mobile mapping and robotics; **design**, with the creation of a 3D project to ensure a flat and regular new road surface and start renovation work; **machine-to-machine interaction**, i.e. the stage when the project is uploaded to the processing machinery used. CGT Caterpillar, Develon, Dynapac-Fayat Group, Incofin, Komatsu, Leica Geosystems, Spring Machine Control, Topcon Positioning, SITECH-Spektra A Trimble Company, Way and Bergamo Trucks/Officina Gilardi have all joined the Digital Construction Site concept.

CANTIERE DIGITALE - THE DIGITAL CONSTRUCTION SITE PROGRAMME

This full-scale dynamic demo will be staged several times a day for the entire duration of the event. The site is effectively a road with dips and irregularities. Audiences can watch progress of work in the most realistic way possible:

STAGE 1 -SURVEY AND DATA ACQUISITION IN THE FIELD

Audiences will be able to watch presentations of various kinds of surveying method available on the market such as drones, GPS, scanners, mobile mapping and robotics.

FEATURED TECHNOLOGIES:

- RD-M1 road scanner mounted on A pick-up and GTL-1200 Total Robotic Scanning Station

by Topcon Positioning;

- Mobile mapping with MX9 and Catalyst with Site Vision **by SITECH - Spektra a Trimble Company;**
- BLK2FLY flying laser scanner, TPS Total Robotic Station with AP20 pole angle control system
- **by Leica Geosystems.**

STAGE 2 -DESIGN

Based on these surveys, a 3D project will be created to restore that flatness and regularity of the road and thereby start renovation work.

STAGE 3 -MACHINE-TO-MACHINE INTERACTION

The project is uploaded to the operating machinery used.

PART I:

- milling with CAT PM620 road cutter c/w 3D capability combined with a Trimble PCS900 UTS 3D system
- loading material onto the truck using a conveyor belt equipped with M3 positive displacement (volumetric) weighing system by Spring Machine Control to check the amount of milled material

FEATURED TECHNOLOGIES:

- 3D UTS PCS900 system mounted on a CAT PM620 road milling machine pre-set for 3D **by SITECH Spektra a Trimble Company;**
- M3 positive displacement (volumetric) weighing fitted to the conveyor belt on the CAT PM620 road cutter **by Spring Machine Control.**

PART II

- loading the stabilized material on the using CAT 326 Next Gen excavator with remote controlled Cat Command equipped with various technologies (3D GPS system, CPM integrated weighing system, E-Fence technology, Grade Assist, Lift Assist and intelligent People Detect cameras with movement blocking)
- unloading the stabilizer on to the road
- spreading stabilized material with Komatsu D71EXi-24 dozer equipped with GPS Intelligent Machine Control 2.0 system
- rolling with CAT CS78B roller with semi-independent Cat Command for Compaction

FEATURED TECHNOLOGIES:

- CAT 326 Next Gen Excavator with Cat Command (remote drive) 3D GPS system, CPM Integrated Weighing, E-Fence Technology, Grade Assist, Lift Assist and People Detect smart cameras with movement lock **by CGT Caterpillar:**
- Komatsu D71EXi-24 dozer equipped with GPS Intelligent Machine Control 2.0 **by Komatsu;**
- Cat CS78B Roller with Cat Command for Compaction (self-driving on pre-set project) **by CGT Caterpillar.**

PART III

- unloading the stabilizer on to the road again
- spreading with Bobcat T870 skid steer with mini-grader blade featuring Leica Geosystems TPS Robotic iGG3 3D skid-loader guidance system for pinpoint accuracy
- second rolling with Ammann ARS150 roller and Topcon C-53 GNSS compaction system for compaction sensing
- dummy asphalt spreading (with stabilizer) using Dynapac 2500CS Protac road paver with MatManager and MatTracker, complete with emulsion spray system, processing data connection and automatic screed bed widening control, powered directly by a Develon DX420CVT-7 wheel loader equipped with continuous variable transmission and “clear bucket” technology
- rolling with Dynapac CC4000 VI tandem roller with impact meter and compaction control system

FEATURED TECHNOLOGIES:

- iGG3 Robotic TPS 3D skid-loader guidance system mounted on a Bobcat T870 with mini-grader **by Leica Geosystems**
- Topcon C-53 compaction system mounted on an Ammann ARS150 roller **by Topcon Positioning**
- Dynapac 2500CS Protac Paver with MatManager and MatTracker **by Dynapac - Fayat Group;**
- Develon DX420CVT-7 wheel loader equipped with continuously variable transmission and “clear bucket” technology **by Develop;**
- CC4000 VI roller with impact meter **by Dynapac - Fayat Group.**

OTHER PROCESSING USING LATEST-GENERATION MACHINERY

various processes will be shown in the upper part of the road with:

- Komatsu PC210LCi-11 excavator equipped with GPS Intelligent Machine Control 2.0
- latest generation Develon DX225LC-7X excavator with integrated weighing, E-Fence technology, Grade Assist, Lift Assist and cab and track anti-intrusion system with semi-automatic Trimble Earthworks 3D GPS machine control system and Engcon tiltrotator;
- Kobelco SK85MSR-7 excavator with Topcon Mc-mobile LPS machinery control system
- Hitachi ZX145W-6 excavator with GNSS guidance system for Leica Geosystems iXE3 excavator with Steelwrist tiltrotator
- Komatsu WA100-8 compact loader with Incofin Dotnetix Safeye system to detect and avoid impacts with pedestrians, other vehicles and falling into holes
- CAT 301.7 mini excavator with Stick Steer and Cruise Control, electric joysticks and radio remote control for excavation simulation with explosive device

FEATURED TECHNOLOGIES:

- Komatsu PC210LCi-11 EXCAVATOR equipped with GPS Intelligent Machine Control 2.0 **by Komatsu;**
- Semi-automatic Trimble Earthworks 3D GPS system with Engcon tiltrotator, used with a latest-generation Develon DX225LC-7X excavator with integrated weighing, E-Fence technology, Grade Assist, Lift Assist and cab and track anti-intrusion system **by SITECH - Spektra a Trimble Company;**
- Topcon LPS Mc-mobile machine control system mounted on Kobelco SK85MSR-7 midi excavator **by Topcon Positioning;**
- GNSS guidance system for iXE3 excavator with Steelwrist tiltrotator mounted on Hitachi ZX145W-6 wheeled excavator **by Leica Geosystems;**
- Dotnetix Safeye system mounted on Komatsu WA100-8 skid steer loader **by Incofin**
- CAT 301.7 mini excavator with Stick Steer and Cruise Control, electric joysticks and radio remote control **by CGT Caterpillar.**

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CONFERENCE PROGRAMME

WEDNESDAY 3 MAY

10:00 - 10:45

SaMoTer LAB Training Room - Hall 12

DIGITAL PLATFORMS FOR REMOTE MONITORING OF EFFICIENCY

Organized by CGT Spa

11:00 - 11:30

SaMoTer LAB Plenary Hall - Hall 12

OPENING CEREMONY

Organized by SaMoTer - Veronafiere

11:00 - 11:45

Forum Area - Hall 7

DISCOVER THE NEW RITCHIE BROS AND ONLINE TOOLS FOR BUYING AND SELLING USED VEHICLES: ANNOUNCEMENTS, PRIVATE NEGOTIATIONS & ON-LINE AUCTIONS

Organized by Ritchie Bros. Auctioneers

11:00 - 11:45

SaMoTer LAB Training Room - Hall 12

AN ECOSYSTEM OF CONNECTED SOLUTIONS FOR CONSTRUCTION COMPANIES AND CONSTRUCTION SITES: LESS COSTS, MORE SAFETY AND BETTER COORDINATION. THE ACR REGGIANI CASE STUDY

Organized by WAY

12:00 - 12:45

SaMoTer LAB Training Room - Hall 12

REDUCING ON-SITE ACCIDENTS: THE MOST TECHNOLOGICAL SOLUTIONS FOR PROMOTING SAFETY

Organized by Kiwitron

14:00 - 15:15

SaMoTer LAB Plenary Hall - Hall 12

DIGITALISATION AND ROAD BUILDING SITES - OPERATING SOLUTIONS

Organized by E-Construction - Vado e Torno Edizioni

14:00 - 14:45

SaMoTer LAB Training Room - Hall 12

NEW TECHNOLOGIES TO INCREASE PRODUCTIVITY AND EFFICIENCY ON SITE

Organized by CGT Spa

14:30 - 15:30

Forum Area - Hall 7

RENTAL IS CHANGING. ARE YOU READY?

Organized by Rental Consulting

15:00 - 15:20

SaMoTer LAB Training Room - Hall 12

INNOVATIVE SOLUTIONS FOR DIGITALISING CONSTRUCTION SITES

Organized by Leica Geosystems Spa

15:30 - 16:00

SaMoTer LAB Plenary Hall - Hall 12

SAMOTER INTERNATIONAL AWARD AWARD CEREMONY

Organized by SaMoTer - Veronafiere

15:30 - 17:00

SaMoTer LAB Training Room - Hall 12

SITE MACHINERY POWERING UP

Organized by Vaielettrico

16:00 - 17:30

Forum Area - Hall 7

ART 1000: SIMEX TECHNOLOGY FOR DAMAGE REPAIR AND ON-SITE RECYCLING OF BITUMINOUS SURFACE LAYERS

Organized by Simex Engineering

THURSDAY 4 MAY

10:00 - 10:45

SaMoTer LAB Training Room - Hall 12

DIGITAL PLATFORMS FOR REMOTE MONITORING OF EFFICIENCY

Organized by CGT Spa

11:00 - 12:30

Forum Area - Hall 7

A LABORATORY AT THE SERVICE OF EXTRACTIVE ACTIVITY

Organized by Study Center ANEPLA

11:00 - 12:30

SaMoTer LAB Plenary Hall - Hall 12

NOT JUST DEMOLITION. MACHINERY, CASE HISTORIES AND RESULTS

Organized by NADECO - National Association for Demolition and Circular Economy for Construction

12:40 - 13:00

SaMoTer LAB Training Room - Hall 12

INNOVATIVE SOLUTIONS FOR DIGITALISING CONSTRUCTION SITES

Organized by Leica Geosystems Spa

14:00 - 15:20

SaMoTer LAB Training Room - Hall 12

ADVANTAGES OF NEW TECHNOLOGIES SUPPORTING SAFETY

Organized by IPAF - International Powered Access Federation

14:00 - 15:30

SaMoTer LAB Plenary Hall - Hall 12

INFRAROB - THE DEVELOPMENT OF SELFOPERATED ROAD WORK MACHINERY

Organized by CECE - Committee for European Construction Equipment

14:00 - 18:00

Rossini Room (1st Floor) - Gallery between halls 6-7

SESSION I - LARGE UNDERGROUND INFRASTRUCTURES OF THE NEXT DECADE AND THE CONTRIBUTION OF S.I.G. WORK GROUPS FOR TUNNELLING DEVELOPMENT, INNOVATION AND SAFETY

Organized by SIG - Italian Tunnelling Society

15:00 - 16:15

Forum Area - Hall 7

URBAN REDEVELOPMENT IN ITALY 2030

Organized by SaMoTer - Veronafiery in collaboration with Pilat&Partners

15:30 - 16:15

SaMoTer LAB Training Room - Hall 12

BIG DATA, DIGITALISATION AND PRODUCTION CONTROL IN QUARRIES: SIMPLIFY MANAGEMENT TO OPTIMISE RESULTS

Organized by Ma-Estro

16:00 - 17:30

SaMoTer LAB Plenary Hall - Hall 12

ZERO EMISSION OPERATIONS? OUR VIRTUAL URBAN SITE SHOWS HOW

Organized by Vaielettrico

16:30 - 17:30

Forum Area - Hall 7

THE MATURE CHALLENGE OF THE ITALIAN SMART CITY

Organized by SaMoTer - Veronafiery in collaboration with Pilat&Partners

16:30 - 17:15

SaMoTer LAB Training Room - Hall 12

NEW TECHNOLOGIES TO INCREASE PRODUCTIVITY AND EFFICIENCY ON SITE

Organized by CGT Spa

FRIDAY 5 MAY

09:15 - 13:00

Rossini Room (1st Floor) - Gallery between halls 6-7

SESSION II - LARGE UNDERGROUND INFRASTRUCTURES OF THE NEXT DECADE AND THE CONTRIBUTION OF S.I.G. WORK GROUPS FOR TUNNELLING DEVELOPMENT, INNOVATION AND SAFETY

Organized by SIG - Italian Tunnelling Society

10:00 - 10:45

SaMoTer LAB Training Room - Hall 12

DIGITAL PLATFORMS FOR REMOTE MONITORING OF EFFICIENCY

Organized by CGT Spa

10:30 - 11:15

Forum Area - Hall 7

THE IMPORTANCE OF DATA IN SECONDHAND MANAGEMENT: VALUE CURVES, MARKET ANALYSIS

Organized by Ritchie Bros. Auctioneers

11:00 - 11:45

SaMoTer LAB Training Room - Hall 12

#THINK DIGITAL: AUTONOMY & MACHINE CONTROL, SUSTAINABILITY & SAVINGS. TOP SUCCESS STORIES REVEAL HOW VALUE-ADDED TECHNOLOGIES AND SERVICES ARE TRANSFORMING COMPANIES AND THE SECTOR

Organized by SITECH - Spektra a Trimble Company

11:00 - 12:30

SaMoTer LAB Plenary Hall - Hall 12

MANAGEMENT CONTROL AND DATA FLOW - THE IMPORTANCE OF DIGITAL TECHNOLOGY

Organized by E-Construction - Vado e Torno Edizioni

11:30 - 12:45

Forum Area - Hall 7

A MARSHALL PLAN FOR ITALIAN BUILDING

Organized by SaMoTer - Veronafiere in collaboration with Pilat&Partners

13:00 - 13:45

SaMoTer LAB Training Room - Hall 12

NEW TECHNOLOGIES TO INCREASE PRODUCTIVITY AND EFFICIENCY ON SITE

Organized by CGT Spa

14:00 - 14:45

SaMoTer LAB Plenary Hall - Hall 12

DIGITALISATION AND TECHNOLOGICAL TOOLS FOR THE RENTAL WORLD

Organized by Ritchie Bros. Auctioneers

14:00 - 16:00

SaMoTer LAB Training Room - Hall 12

DECARBONISING AND DIGITISING CONSTRUCTION SYSTEMS – MECHANICAL ENGINEERING AS A STRATEGY FOR TRANSFORMING A TECHNOLOGICAL CHALLENGE INTO A DEVELOPMENT OPPORTUNITY FOR SITES

Organized by Sapienza Università di Roma

15:00 - 16:15

SaMoTer LAB Plenary Hall - Hall 12

BUILDING THE FUTURE WITH THE NEW GENERATIONS

Organized by SaMoTer - Veronafiere in collaboration with Pilat&Partners

16:30 - 17:30

SaMoTer LAB Training Room - Hall 12

THE ELECTRIC CHOICE: NOT ONLY SUSTAINABILITY

Organized by IPAF - International Powered Access Federation

16:30 - 17:30

Forum Area - Hall 7

WHAT FUTURE FOR THE ITALIAN BUILDING INDUSTRY?

Organized by SaMoTer - Veronafiere in collaboration with Pilat&Partners

SATURDAY 6 MAY

09:30 - 13:30

Puccini Room (1st Floor) - Gallery between halls 6-7

FUTURE AND INNOVATION IN MINING/ QUARRYING WORK

Organized by ANIM - Italian Association of Mining Engineers

10:00 - 10:45

SaMoTer LAB Training Room - Hall 12

DIGITAL PLATFORMS FOR REMOTE MONITORING OF EFFICIENCY

Organized by CGT Spa

11:00 - 11:45

SaMoTer LAB Training Room - Hall 12

SMART CONSTRUCTION, DIGITIZATION AND TELEMATICS

Organized by Komatsu

11:30 - 12:45

SaMoTer LAB Plenary Hall - Hall 12

DEMOLITION AND LATEST-GENERATION MACHINERY - VERSATILITY AS ADDED VALUE

Organized by E-Construction - Vado e Torno Edizioni

12:00 - 12:45

SaMoTer LAB Training Room - Hall 12

2D/3D SOLUTIONS FOR ALL EXCAVATORS AND ALL COMPANIES

Organized by Cenati

14:00 - 14:45

SaMoTer LAB Training Room - Hall 12

NEW TECHNOLOGIES TO INCREASE PRODUCTIVITY AND EFFICIENCY ON SITE

Organized by CGT Spa

SUNDAY 7 MAY

10:00 - 10:45

SaMoTer LAB Training Room - Hall 12

DIGITAL PLATFORMS FOR REMOTE MONITORING OF EFFICIENCY

Organized by CGT Spa

10:30 - 11:45

SaMoTer LAB Plenary Hall - Hall 12

ELECTRIC EARTH-MOVING MACHINERY - SOLUTIONS COMPATIBLE WITH THE REAL NEEDS OF SITE WORK

Organized by E-Construction - Vado e Torno Edizioni

11:00 - 11:45

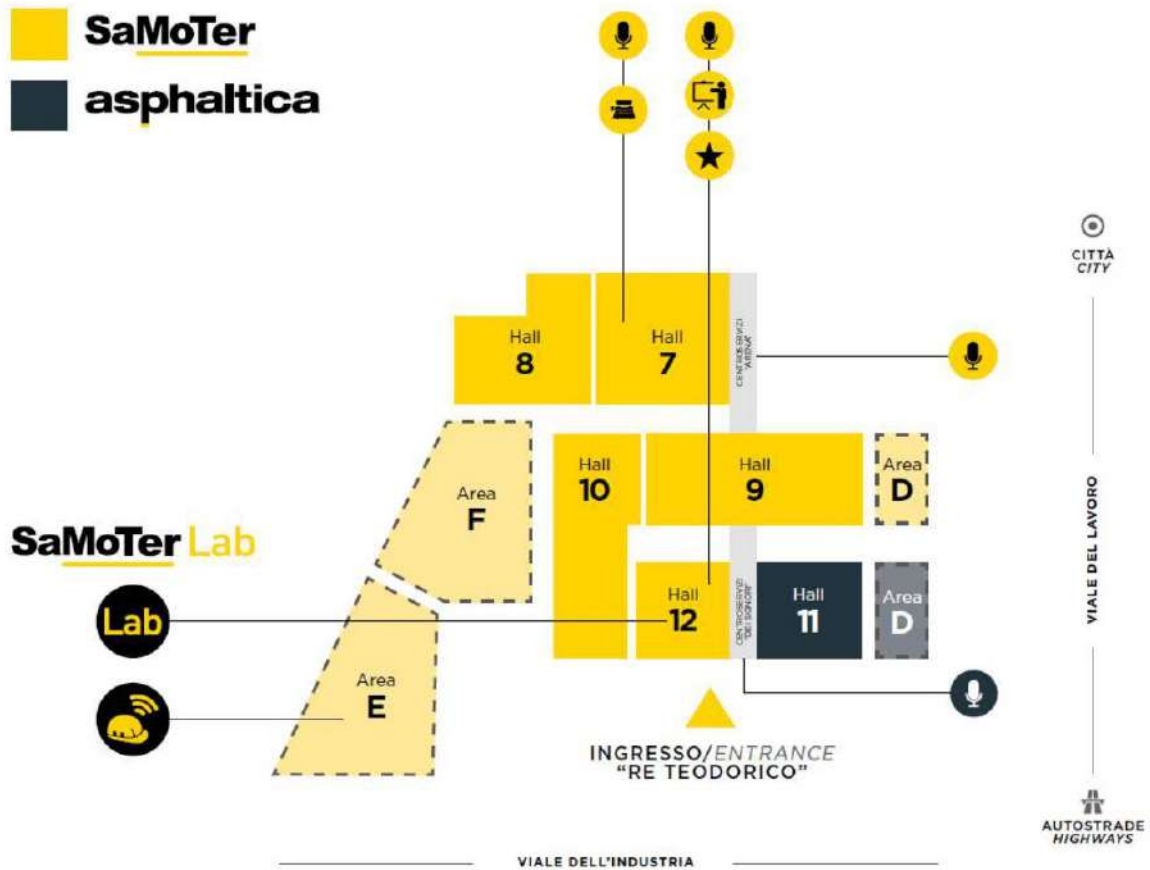
SaMoTer LAB Training Room - Hall 12

M3 VOLUMETRIC PRODUCTION CONTROL SYSTEM FOR CONVEYOR BELTS

Organized by Spring Machine Control

SAMOTER - ASPHALTICA

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