

BULK TERMINALS RIGA 2022

DISTRUPTIVE INFLUENCES ON TRADE

THE ONLY EVENT AIMED AT THE ENTIRE BULK TERMINALS INDUSTRY

The Annual Conference of the Association of Bulk Terminal Operators (ABTO)

11-12 OCTOBER 2022

CONFERENCE AT THE FREEPORT OF
RIGA AUTHORITY PLUS VISITS TO THE
VESSEL TRAFFIC SERVICES CENTRE AND
RIGA UNIVERSAL TERMINAL

PROGRAMME

Sponsors



BEDESCHI



BRUKS Siwertell
BULK HANDLING & WOOD PROCESSING



TECHVITAS

— Piegāde. Serviss. Konsultācijas rūpniecībai. —

Host Port



**FREEPORT
OF RIGA
AUTHORITY**

Local Organiser Association of
Stevedores in the Port of Riga



**RĪGAS BRĪVOSTAS
PADOME**

SESSIONS WILL COVER

- Bulk markets
- Increasing the profitability of operations
- Development opportunities
- Driving efficiency through technology and digitalisation
- Environmental protection
- Risk and improving safety
- Cyber security
- Transshipment, rail and transport connectivity
- The impact of covid-19
- Conflict and political influences

**DON'T MISS
TOUR OF HISTORIC
RIGA + RECEPTION
AT THE MUSEUM
OF HISTORY &
NAVIGATION**

Organised by

abto
ASSOCIATION OF BULK
TERMINAL OPERATORS

For more details and to register, visit: bulkterminals.org/index.php/events

This year we are guests of our host port the Freeport of Riga Authority in Latvia – and since Amsterdam in 2019 the first time we will all meet physically.

The conference always sets the scene with an analysis of bulk markets. It continues with a full programme focused on the concerns of operators, each year offering sound practical solutions for improving safety, streamlining operations and ensuring environmental protection. Digitalisation, the cyber threat, development opportunities and naturally the ongoing effect of covid-19 on bulk terminal operations will also be covered.

Given the importance to Latvian and other Baltic ports of transit cargoes, rail and transport connectivity will be covered as well in Bulk Terminals Riga 2022 – especially given the impact the conflict in Ukraine has had.

Other disputes with origins in political disagreements can affect the fortunes of port and terminals. China's dispute with Lithuania has regional and EU implications. In late 2020 China stopped buying Australian coal. Subsequently the Australians found new markets. Most recently Chinese exports of sand to Taiwan have stopped.

Time will tell how long lasting the fallout from the conflict in Ukraine will be. Similarly, how temporary the effect on the pattern of Chinese bulk imports and exports of their disputes with other countries will be. Bulk Terminals 2022 will examine the consequences, regionally and internationally.

The Annual ABTO Bulk Terminals Conferences are designed for all those involved in the transportation, storage and handling of bulk commodities. As well as terminals and ports we welcome equipment and service suppliers, professional advisors and academics to the conference. Indeed, ABTO feels strongly it is only through the interaction with these others that bulk terminals will achieve increased operational efficiencies, together with safety and environmental compliance.

As well as a full programme of presentations, panels and case studies, by popular request this year Bulk Terminals will include a terminal visit. We are delighted to be the guests of Rīgas Universālais Termināls – Riga Universal Terminal (RUT). As well as the valuable networking opportunities afforded by the visit to RUT, there will be a boat tour of Riga Port with lunch on board thanks to the generosity of the Freeport of Riga Authority, followed by a visit to the port Vessel Traffic Services Centre.

After the proceedings at the end of the first day, the Freeport Authority have kindly organised a tour of Historic Riga, culminating in the conference reception at the Riga Museum of History and Navigation – and for arrivals on Monday before conference they are also hosting drinks in the Foyer and Winter Garden of their conference venue overlooking the Riga City Canal.

Conference Chairman Professor Mike Bradley and I both look forward to welcoming you to Bulk Terminals 2022 in Riga this October.

Simon Gutteridge, Chief Executive, ABTO



Simon Gutteridge,
Chief Executive, ABTO



Mike Bradley, Director,
The Wolfson Centre

KEY TOPICS

- The effects of the conflict in Ukraine and prospects for the dry bulk market
- Dangers of value engineering
- Update on Teesworks – the largest development in Europe
- CASE STUDY: Optimisation of bulk terminal operations at Puerto Panu
- Improving performance through digitalisation
- Identifying cyber risks and managing them
- Hydrogen – a way to achieve decarbonisation targets
- Dust and emissions monitoring



WHY ATTEND?

- Understand the challenges the bulk terminal industry faces
- Learn from the experts
- Appreciate the needs of your customers
- Join the discussion with industry peers, consultants and investors
- Meet technology suppliers and find out how they can improve your compliance and efficiency



WHO SHOULD ATTEND?

BULK TERMINALS 2022 RIGA is the essential event for operational and technical directors, managers, business development and analysts from:

- Bulk terminal operators
- Port authorities
- Mining companies, commodity producers and traders
- Shippers
- Ship owners, operators, charterers, managers and barge companies
- Logistics, brokers and forwarders
- Materials handling engineers
- Equipment and service providers
- Government and regulators
- Terminal developers
- Ports and construction consultants
- Finance
- Insurance and P&I
- Lawyers

SPONSORSHIP AND EXHIBITION OPPORTUNITIES

BE INVOLVED AS A PARTNER

Attending this event as a partner – exhibiting or sponsoring – will give you the opportunity to showcase your technologies, services, solutions and products to some of the most respected leaders in the bulk terminals industry. It's the ideal way to enhance your company profile and communicate effectively with your target audience.

BENEFITS OF SPONSORING

- Increase awareness of your product or service
- Showcase your product or service to potential buyers
- Benefit from greater market exposure to key purchasing influencers

For more information, please call +33 (0)321 47 72 19 or email events@bulkterminals.org



PRE-CONFERENCE NETWORKING

MONDAY 10 OCTOBER

ICE BREAKER DRINKS

Kindly hosted by **The Freeport of Riga Authority****18:00** Foyer and Winter Garden of The Freeport of Riga Authority conference centre overlooking the Riga City Canal

CONFERENCE DAY ONE

TUESDAY 11 OCTOBER 2022

08:15 Registration and refreshments

OPENING WELCOME ADDRESSES

09:00 **Simon Gutteridge** BA Law (Hons), FIMarEST, Chief Executive, ABTO**09:05** **The Honourable Tālis Linkaits**, Minister for Transport, Republic of Latvia**09:15** **Viesturs Zeps**, Chairman of the Board, Freeport of Riga Authority**09:20** **Ansis Zeltiņš**, CEO, Freeport of Riga Authority**09:25** **Conference Chairman's opening remarks****Professor Mike Bradley** BSc Hons, PhD, Director, The Wolfson Centre for Bulk Solids Handling Technology, University of Greenwich; Chairman, Solids Handling and Processing Association (SHAPA) and ABTO Members' Advisory Panel

BULK MARKETS

09:30 **Effects of the conflict in Ukraine on grain markets****Rahul Sharan**, Lead Analyst Bulk Shipping Research, Drewry**10:00** **Prospects for the minerals dry bulk market in 2022 and beyond****William Fray**, Director, Maritime Strategies International (MSI)**10:30** **The future of coal – short, medium and long term****Basil M Karatzas**, CEO, Karatzas Marine Advisors & Co**11:00** Refreshments**11:30** **Biofuel markets**

Speaker to be confirmed

OPERATIONS, OPPORTUNITIES AND DEVELOPMENTS

12:00 **Dangers of value engineering****Professor Mike Bradley****12:30** **The benefits of bespoke designing for purpose****Lodovico Bernardi**, Director Asia Pacific, Bedeschi SpA**13:00** Lunch**14:00** **Technical routes to improved OPEX**

Speaker from Bruks Siwertell

14:30 **CASE STUDY: Teesworks – the largest development in Europe****Garry O'Malley**, Operations Director, Teesworks and Chairman, ABTO Technical Committee**15:00** **CASE STUDY: Operation improvements for better efficiency at Puerto Panu****Cristian Valenzuela**, Gerente, Puerto Panul S.A.**15:30** Refreshments**16:00** **Current operational issues in the present climate**

Speaker to be confirmed

16:30 **Road-Rail-Ship supply lines and Ukrainian grain export**




Speaker from Latvijas Dzelzceš (LDz) – JSC Latvian Railway

CONFERENCE PANEL DEBATE

17:00 **Conflict and the effect of the pursuit of political objectives on bulk trades – international, regional and EU implications**

EVENING SESSION

Kindly hosted by **The Freeport of Riga Authority****17:30** Tour of Historic Riga followed by the Conference Reception in the Riga Museum of History and Navigation

08:30	Refreshments	
08:55	Conference Chairman's opening remarks Professor Mike Bradley	
	DIGITALISATION	
09:00	What are the challenges and understanding where digitalisation can improve performance Nick Chubb , Managing Director, Thetius	
	THE CYBER THREAT	
09:30	Identifying where the risks come from and managing the risks Nick Chubb , Managing Director, Thetius	
	SAFETY AND RISK	
10:00	Safety first Richard Steele , Head of ICHCA International	
10:30	Risk issues Peregrine Storrs-Fox , Risk Management Director, TT Club	
11:00	Refreshments	
	ENVIRONMENT MATTERS	
12:00	Hydrogen – a way to achieve decarbonisation targets Mériadec Le Mouillour , Directeur Général, CCIM Bretagne Ouest	
12:30	Monitoring emissions Jean Christophe Mifsud , President Directeur Général, Ellona	
	HARBOUR BOAT TOUR, VESSEL TRAFFIC SERVICES CENTRE AND TERMINAL VISITS	
13:00	Depart for boat tour of Riga Harbour and lunch on board Kindly hosted by The Freeport of Riga Authority	 FREEPORT OF RIGA AUTHORITY
14:00	Vessel Traffic Services Centre visit Kindly hosted by The Freeport of Riga Authority	 FREEPORT OF RIGA AUTHORITY
15:00	Bulk terminal visit Kindly hosted by Riga Universal Terminal	 termināls
16:00	Close of conference and return by coach to central Riga	

“Made some very good contacts – the perfect niche event. Relaxed, intimate atmosphere and the programme gave me a good insight into our terminal customers’ needs”

Mark Smith, Projects and Installations Manager, igus

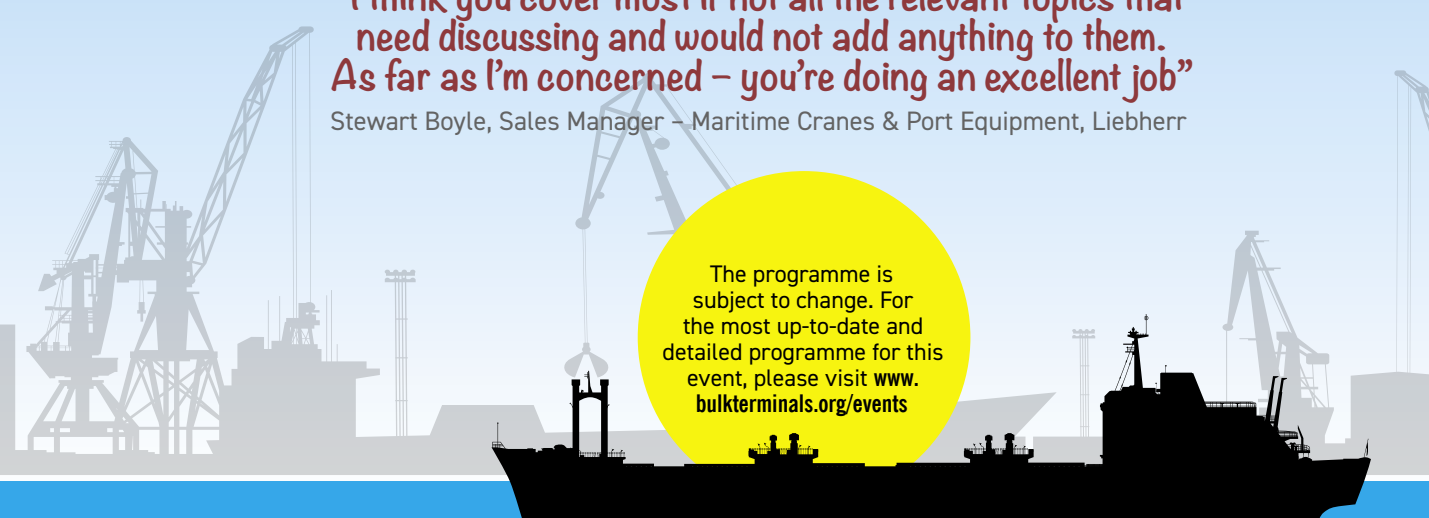
“Great conference, good programme and networking – met some useful people.”

Fergal Buttimer, CEO, Buttimer Engineering

“I think you cover most if not all the relevant topics that need discussing and would not add anything to them. As far as I’m concerned – you’re doing an excellent job”

Stewart Boyle, Sales Manager – Maritime Cranes & Port Equipment, Liebherr

The programme is subject to change. For the most up-to-date and detailed programme for this event, please visit www.bulkterminals.org/events



REGISTRATION

BULK TERMINALS 2022 RIGA – DISRUPTIVE INFLUENCES ON TRADE

11-12 October 2022 Freeport of Riga Authority, Latvia

TWO EASY WAYS TO REGISTER

- 1 Online: www.bulkterminals.org/events/event-registration
- 2 Email: events@bulkterminals.org

REGISTRATION FEES

ABTO Members **£1000 + VAT**

*Non-Members **£1200 + VAT**

DISCOUNTS AVAILABLE FOR GROUP BOOKINGS

Contact **Simon Gutteridge** +33 (0)321 47 72 19 or events@bulkterminals.org

** For details of how join ABTO and its benefits, including reduced conference fees, please visit:*

www.bulkterminals.org/membership

On receipt of your registration we will email an invoice with details of payment, which is due immediately, together with details of specially negotiated hotel rates.

CANCELLATIONS

Cancellations of a registered place must be received in writing no later than 14 days prior to the event.

A charge of £100 + VAT will be made for cancellations received before this date, but it is regretted that no refunds will be issued after this date. However, substitute delegates are welcome.



“Logistec has attended all of your Bulk Terminals conferences so far. Thank you very much for putting a very good conference together again this year.”

Frank Robertson, Vice-President Operations Ontario, Logistec Stevedoring Inc

“I compliment ABTO for the high quality event we all enjoyed”

Javier Quintero Saavedra CMIOSH, Chairman, Dry Bulk Cargoes Working Group,
ICHCA International and Head of HSE, Terminales Maritimos de Galicia



ABTO COURSES AND TRAINING 2022-2023

A key feature of ABTO's Mission is developing training schemes and educational seminars to facilitate advancement and best practice.

UNDERSTANDING THE TOTAL COST OF OWNERSHIP

All too often the operational requirements of the equipment to be supplied to bulk terminals is not properly understood by either the buyers or the sellers. Purchase decisions purely based on price or a lack of knowledge of the characteristics of the material to be handled – or frequently both – will fail to understand the true cost of a bulk solids handling system to a business in terms of down-time; energy; maintenance and manning.

The **OBJECTIVE OF THE COURSE** is to raise awareness amongst bulk terminal buyers of the need to behave in a better informed way and equipment suppliers to understand the operational needs of the equipment they are supplying.

The course will be delivered through **EXPERT PRESENTATIONS, CASE STUDIES** and **GROUP WORKING** facilitated by The Wolfson Centre for Bulk Solids Handling Technology and the Solids Handling & Processing Association (SHAPA).

REGISTER NOW: For further details including course inclusions, fees, registration and discounts for ABTO members and partners please click [HERE](#) or contact:

Simon Gutteridge events@bulkterminals.org +33 (0)3 21 47 72 19

BIOMASS OPERATIONS AND HANDLING TECHNOLOGIES

Held in collaboration with The Wolfson Centre, this course has been designed to help delegates identify and resolve common problems when handling the various biomass materials.

With thanks to BRUKS Siwertell for the use of their image.

PORT AND TERMINAL OPERATIONS FOR BULK CARGOES

Held in March last year in collaboration with The Wolfson Centre, this popular ONLINE SHORT COURSE is ideal for anyone with responsibility for the safe handling and storage of bulk cargoes.

Delegates will gain an understanding of the reasons for the varied behaviour of, and how to handle, bulk particulate materials as they travel across the seas or are stored and transported to and from port terminals.

For further details of all of these courses including fees, registration and discounts for ABTO members and partners please click [HERE](#) or contact **Simon Gutteridge** events@bulkterminals.org +33 (0)3 21 47 72 19

Other Short Courses offered by The Wolfson Centre for Bulk Solids Handling Technology, particularly those dealing with the pneumatic conveying of bulk solids will be of interest to many in the bulk terminals community.

ABTO members have been kindly offered a discount on fees for this and The Wolfson Centre's other short courses.

Please click [HERE](#) or contact **Caroline Chapman** wolfson-enquiries@gre.ac.uk +44 (0)20 8331 8646 for further details.

With thanks to IMechE for their support of these courses

Institution of
**MECHANICAL
ENGINEERS**



"I consider this course has been a very useful to approach a number of questions about bulk cargoes. The variety of subjects covered was high, from port equipment to the unloading and loading of ships, the various forms of storage, and the risks of fire and explosion."

Duarte Bastos, Terminal Manager, SILOPOR
- Empresa de Silos Portuários, SA





BEDESCHI

Bedeschi, leader in bulk material handling for more than a century, has an outstanding experience in the realization of complete bulk terminal solutions for the marine sector. Bedeschi is the only company able to provide both stacking/reclaiming and loading/unloading systems, as shiploader, mobile shiploaders, shipunloader, transshipment, eco-hoppers, conveyors system, etc.

The growing scale of international transport of bulk-material requires quick and flexible solutions to react to the fast changing market demand. Our transshipment expertise is the best answer combined with our on-shore applications both for cost and time saving. Of course, reducing environmental pollution and producing eco-friendly bulk handling solutions in line with the most strictly regulations in this field, are Bedeschi first commitments. www.bedeschi.com



Bruks Siwertell is a market-leading supplier of dry bulk handling and wood processing systems. With thousands of installations worldwide, our machines handle your raw materials from forests, fields, quarries and mines, maintaining critical supply lines for manufacturers, mills, power plants and ports.

We design, produce and deliver systems for loading, unloading, conveying, storing, and stacking and reclaiming dry bulk materials, alongside equipment for chipping, screening, milling and processing wood for the biofuel, board, saw mill, pulp and paper industries.

We are global and local. You will find our main offices in the US, Sweden, Germany, China, Philippines, Russia and Taiwan, supported by a dedicated network of hundreds of representatives and dealers worldwide. www.bruks-siwertell.com

To view a video of the Siwertell ship unloader in action please click [HERE](#)



igus® GmbH is a globally leading manufacturer of energy chain systems and polymer plain bearings.

The Cologne-based family business has offices in 35 countries and employs 3.180 people around the world. Iigus® operates the biggest test laboratory in the industry: 2.750 m2 bring the idea of «motion plastics®» – polymer machine elements that drive and move – right to life. Here, around two billion test cycles are completed annually.

The goal of all this is to provide our customers with the very best product for their individual requirements – configurable online and deliverable after 24 hours. In the area of predictive maintenance, igus develops intelligent solutions that issue a warning of failure in good time before an unscheduled and very cost-intensive shutdown occurs. Click for details of Long travels with energy supply systems and Solutions for mining and bulk handling

Please click on the links below for igus® Whitepapers

1. [Energy Chain -vs- Festooning](#)
2. [Energy Chain -vs- Cable Reeling Drum](#)
3. [Busbars -vs- Energy Chains](#)

To watch a video of igus® solutions in action please click [HERE](#)



TT Club is the established market-leading independent provider of mutual insurance and related risk management services to the international transport and logistics industry. The Club's services include specialist underwriting, claims management and risk and loss management advice, supported by a global office network.

TT Club's primary objective is to help make the industry safer and more secure. Established in 1968, TT Club has more than 1200 Members, spanning owners and operators, ports and terminals, and logistics companies, working across maritime, road, rail, and air. Members range from some of the world's largest logistics operators to smaller, bespoke companies managing similar risks.

The Club is renowned for its high-quality service, in-depth industry knowledge and enduring Member loyalty. It retains more than 95% of its Members with a third of its entire membership having chosen to insure with the Club for 20 years or more.

TT Club is managed by Thomas Miller – an independent and international provider of insurance, professional and investment services. www.ttclub.com

Techvitas started its activity in 1999 in the Lithuanian port of Klaipėda and after 15 years opened a branch in Latvia. During 20 years of work company has grown rapidly in terms of both the number of employees and branches, and its expertise.

We are now engineering company that can not only supply components for your equipment, but also provide the highest level of consulting and service in the field of full production automation, robotics and project implementation.



HOST PORT AND LOCAL ORGANISER

With thanks to our Host Port and the Local Organiser of Bulk Terminals 2022 Riga



FREEPORT OF RIGA AUTHORITY

The Freeport of Riga is a multi-functional port, which handles all types of cargo. In 2021, the total turnover was 21.5 million tonnes. Bulk cargo was the largest group of cargo with a share of 56%, followed by general cargo with a share of 34%, while the proportion of liquid cargo was 10%. The main types of cargo in 2021 were timber (29%), containers (20%), agricultural products (14%), liquid cargo (10%), metals and ore (9%), fertilizers (6%), coal/coke (5%), construction materials (2%) and peat (1%). Riga is also an important passenger port.

Until 2018, energy resources, which mainly are transit cargoes from Russia and Belarus, accounted for the largest share of the port's cargo volume, which in 2014 allowed it to reach its historically highest 41 million tons turnover. During the last years Russia has strongly developed its own ports and transit energy resources were gradually redirected to Russia's ports. Therefore, the role of coal and oil products in Riga port's cargo portfolio has dropped significantly. Nevertheless, due to its multifunctionality the Freeport of Riga has been able to shift its focus to other

cargo segments, specifically forestry and agricultural products of local origin. Containers also remain an important part of the port's cargo portfolio; meanwhile, the port still maintains great care for all types and different origin cargo.

Cargo handling and storage services in the port are provided by 36 stevedore companies, while the port cluster is built up of approximately 110 companies. The total annual terminal handling capacity is 67 million tons. Spare handling capacity is available in all cargo segments, which allows for a significant increase of the turnover with the existing infrastructure.

An average of 3,000 cargo ships have been serviced during the last three years. The restart of passenger traffic would add another 450 ships and therefore the port's traffic would be around 3,500 ships annually.

The maximum draft of the ship in the port is 15.0m for tankers and 14.8m for bulk carriers, which allows servicing ships with a carrying capacity (DW) of up to 115 thousand tons (Aframax and Baby Cape). Meeting specific requirements, it is possible to accommodate even bigger vessels – bulk carriers with a maximum length of up to 300m, a width of up to 46m and a carrying capacity of up to 135 thousand tons (Cape size), as well as passenger ships up to 300 m in length.

The Freeport of Riga is the biggest port in Latvia with a 55% market share and one of the largest ports in the eastern Baltic region. Riga has traditionally been a hub for freight sent on the East-West freight corridor. And within a wider European context Riga was an important transport node in the Hanseatic League centuries ago. Its location in the centre of the Baltic States, as well as the cargo handling capacity available in the port, is a significant advantage in the regional context, as the location and available infrastructure allow for a dynamic response to various service requests.

Occupying 11% of its territory, the Freeport is an integral part of the city of Riga. It houses not only stevedoring companies, but also production facilities, warehouses and other commercial activities related and non-related to port functions, as well as residential buildings. In Riga, as the largest city in the Baltic States, port companies have many opportunities to attract labour (more than 4000 people are employed in the port cluster alone), have the most modern transport hubs, convenient access to versatile services, proximity to airports and railway infrastructure is ensured.

The Freeport of Riga operates in Special Economic Zone (SEZ) mode that provides opportunity to receive significant tax reliefs if investments in the port territory have been made. The SEZ regime will be in force until 2035.



Local Organiser Rīgas Brīvostas Padome (RBP) – the Association of Riga Stevedores – is the representing body of port companies that unites businesses in the Freeport of Riga.

RBP represents stevedores' interests in Latvia and Europe in terms of legislation, cooperation and ports development. It cooperates with institutions, government bodies, unions in Latvia and Europe. Similarly, RBP cooperates and exchanges experiences with other ports and companies. The Association promotes the development of the industry within the framework of the green deal and digitalisation.

RBP membership consist of 21 companies concerned with construction, terminal operation and the provision of all types of maritime services. Members benefit from the Association's provision of statistics and industry insights; industry news and information about development opportunities in Latvia and foreign countries – as well as the chance to make contacts and facilitate professional improvement.

Representation includes the Association of Stevedoring Companies of Latvia, which unites port companies' associations working in Liepāja, Ventspils and Riga; the Employers Confederation of Latvia; the Logistics Council of the Ministry of Transport and Riga City Council.



If you have the opportunity to combine the conference with a few extra days in Riga, then there is much to see in this beautiful city.

The most cosmopolitan of the Baltic capitals, Riga is a modern city with a historical heart that offers a variety of natural, tasty, cultural and spectacular charms.

With the first glance, taste and sound, Riga will hook you with the dynamics of a thriving regional metropolis and the charm of a small historical town with postcard-worthy views on every corner. Its ever-changing kaleidoscope coincides with a new, surprising, and fun combination every day.

[Why visit Riga? » LiveRiga](#)

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SUPPORTING ASSOCIATIONS



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