

XICO12

BLOCKCHAIN FOR SUPPLY CHAIN AND LOGISTICS FORUM

HOUSTON, TEXAS

MAY 21-22, 2018

DAY 1

8:25 AM - 8:50 AM

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CONFERENCE INTRODUCTION

MASTER OF CEREMONIES INTRODUCTION

Daryl Price Jr.

Senior Regional Client Executive at Unicom and former NFL Player



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WELCOME

Amanda Edwards

City Council Member, City of Houston



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OPENING REMARKS

Peter Tirschwell

Senior Content Officer, IHS Maritime & Trade

DAY 1

8:50 AM to 9:50 AM

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SESSION 1

DIGITALIZATION AND BLOCKCHAIN: FOUNDATIONS FOR A PORT OF THE FUTURE

Erwin Verstraelen

Chief Digital and Information Officer, Port of Antwerp



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Nico Wauters

Chief Executive Officer, T-mining

The unique combination at the Port of Antwerp of cargo handling, intermodal connections, logistics services and industrial activities is the ideal supply chain ecosystem to implement Blockchain solutions. Digitalization strategies are an integral part of the Port's vision on how to strengthen the competitiveness and efficiency of the Port. The recent appointment of a Chief Digital and Information Officer reflects that commitment to all the stakeholders at the Port and all players in the supply chain. The goal of the presentation is to position blockchain by means of several real uses cases, which demonstrate the opportunities, as well as the challenges, to improve transparency and a "verifiable trust" driven supply chain. In addition, the testimonials will emphasize the Port's commitment to make blockchain an integrated building block of the Port's architecture built on connectivity, collaboration and innovation.

DAY 1

9:50 AM - 10:15 AM

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SESSION 2 PART 1

SOLVING PAIN POINTS OF FREIGHT AND TRUCKING WITH BLOCKCHAIN:

BILLING FREIGHT BETTER WITH BLOCKCHAIN AND A DEMONSTRATION

Yei Sung Kim

Managing Consultant, J.D., Accenture

Today, freight industry is facing many challenges such as cash flow, efficiency, risk control, and shortage of drivers (truckng). Blockchain and distributed ledger may hold keys to solve some of these challenges and persistent pain points. In this session, speakers will cover, use case and pilot experience of blockchain and open standard for managing truck drivers as well as cash flow; application of blockchain for freight billing. The speakers are pioneers venturing into new frontiers across industry boundaries.

DAY 1

10:35 AM - 11:00 AM

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SESSION 2 PART 2

SOLVING PAIN POINTS OF FREIGHT AND TRUCKING WITH BLOCKCHAIN: USING IRREFUTABLE RECORDS TO DRIVE CASH FLOW AND LIQUIDITY

Max Ward

Chief Executive Officer, OpenPort

Today, freight industry is facing many challenges such as cash flow, efficiency, risk control, and shortage of drivers (truckng). Blockchain and distributed ledger may hold keys to solve some of these challenges and persistent pain points. In this session, speakers will cover, use case and pilot experience of blockchain and open standard for managing truck drivers as well as cash flow; application of blockchain for freight billing. The speakers are pioneers venturing into new frontiers across industry boundaries.

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11:00 AM - 12:00 PM

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SESSION 3

END-TO-END SUPPLY CHAIN COLLABORATION CRITICAL FOR SHIPPERS/BCO'S

John Moseley (Sp. Intro)

Senior Director of Trade,
Development, Port Houston

Charles Thompson

Chief Information Officer,
Port Houston

Alexander Varvarenko

Chief Executive Officer,
Veles Bulk and ShipNEXT

Peter Tirschwell (M)

Senior Content Officer,
IHS Maritime & Trade

Michael Shaffner

Director of Operations Planning
and Technology, Port Houston

Erwin Verstraelen

Chief Digital and Information
Officer, Port of Antwerp

Nico Wauters

Chief Executive Officer,
T-mining

In 2017, the global supply chain and shipping industries have seen a number of blockchain pilot projects and consortiums involving shipping lines, banks, freight forwarders, insurance companies, and customs brokers to digitalize supply chains and eliminate paperwork. These include the joint venture between Maersk and IBM; shipping pilot across multiple jurisdictions by a consortium comprising AB InBev, Accenture, APL, Kuehne + Nagel and a European customs organization. Nexledger shipping pilot led... [VIEW FULL DESCRIPTION >](#)

DAY 1

1:00 PM - 1:20 PM

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SESSION 4

POWERING BLOCKCHAIN INNOVATION THROUGH ACADEMIC – INDUSTRY PARTNERSHIPS

Dr. Shin'ichiro Matsuo

Research Professor, Director, B-TED, Georgetown University



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Paul Brigner

J.D., Managing Director B-TED, Georgetown University

Blockchain Technology and Ecosystem Design (B-TED) is a network of Universities comprising Georgetown University, University of Houston, and other higher education partners. B-TED's activities focus on providing academic research results to industry members to facilitate future innovation and design in a blockchain-based ecosystem. B-TED is similar in basis to maturing blockchain technology and its ecosystem as academic precursor for the Internet, and will provide independent academic and a vendor neutral knowledge base for blockchain technology from a wide range of academic backgrounds targeting industry applications and sectors at the regional, national, and global level. [VIEW FULL DESCRIPTION >](#)

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1:20 PM - 1:45 PM

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SESSION 5

BLOCKCHAIN FOR O&G EXPLORATION & PRODUCTION: PILOTS AND FUTURE OPPORTUNITIES

Andrew Bruce

Chief Executive Officer, Data Gumbo

This is a presentation and discussion of savings identified from implementing blockchain solutions in the supply chain. These findings are from a case study with a major oil company. Other ancillary examples will also be included.

DAY 1

1:45 PM - 2:10 PM

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SESSION 6

AUTOMATING AND SECURING THE ENTERPRISE BLOCKCHAIN NETWORK AND MACHINE ECONOMY

Allison Clift-Jennings

Chief Executive Officer, Filament!

Smart contracts enable a machine-to-machine economy, automated transactions, and business processing. The technology holds tremendous potential for many industries such as insurance, smart manufacture, transportation, supply chain management, to name just few. However, in order to unleash its full potential and deliver the promised economic benefits, industry applications rely on authenticity, auditability, and correctness of data feeding into smart contracts. Filament! is developing a transformative technology to fill this capability gap for achieving the benefits of blockchain and smart contracts in the machine economy while enabling business process automation. It will amplify the efficiency and benefits that we are already witnessing now in the pilot studies and take it to the next level.

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2:10 PM - 3:00 PM

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SESSION 7

SMART CONTRACTS IN THE INSURANCE INDUSTRY: DISRUPTION OR A BETTER FORM OF RISK MANAGEMENT?

Derek Lovrenich

Chief Executive Officer, InsurEco

Amit Daga

Executive Partner - Insurance, Ricoh USA



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The Insurance Industry is in the midst of a technical renaissance. Smart contracts and blockchain can streamline and simplify insurance transactions by connecting all stakeholders in the insurance value chain with shared, current, accurate, and secure risk information. The results will be automation of invoicing for settlement between contracting parties, improved assessment of risk and losses, and a faster and cheaper fulfillment process. A recent blockchain pilot involving insurer MS Amlin, Re/insurance company XL Catlin, Willis Towers Watson, and ACORD show significant benefits of blockchain in achieving greater transparency, eliminating low-value tasks, and reducing administrative costs. This session aims to enlighten the audience how this emerging technology could deliver high velocity impact and profoundly transform the insurance industry.

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3:15 PM - 3:55 PM

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SESSION 8

INVESTING IN BLOCKCHAIN STARTUPS: PERSPECTIVE FROM VCS AND CORPORATE VENTURES

Adrian Fortino (M)

Managing Director,
Mercury Fund

Krishna Danda

Investor,
GE Ventures

Allison Clift-Jennings

Chief Executive Officer,
Filament!

Andrew Bruce

Chief Executive Officer,
Data Gumbo

Sharon Yin

Digital Currency & Blockchain
Attorney, Yin Law Firm

Michael Skadden

Attorney at Law

For early stage investors and corporate ventures, blockchain is a new and emerging space. Blockchain entrepreneurs, startups, and angel networks are looking for insights, sharing experiences, and learning how corporate ventures and early stage accelerator programs can take advantage of this technology trend. Panelists in this session will address questions from angel investors, blockchain entrepreneurs, corporate investors, blockchain evangelists, and industry stakeholders on how to cultivate an ecosystem for blockchain startups in order to bring its benefits to industry stakeholders and promote economic growth.

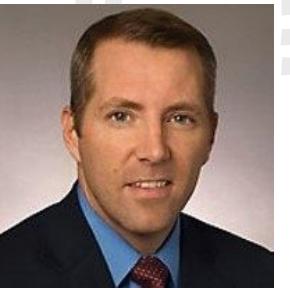
DAY 1

3:55 PM - 4:30 PM

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SESSION 9

DIGITAL CHEMICAL DISTRIBUTION AND SUPPLY MANAGEMENT OVER BLOCKCHAIN

Dale Tibodeau (M)

Professor of Supply Chain Management, C. T. Bauer College of Business, University of Houston

Mark Koeppen

Principal, Deloitte

Corey Vickers

Global Logistics Category Group Manager, Chevron

Balaji Ramakrishnan

Director of Procurement and Supply Chain, BP

Advanced digital technologies drive new business opportunities to integrate along the business value chain, and improve competitiveness of chemical companies. The total expected benefits from digital transformation amount to US\$14.4 trillion by 2022, of which US\$2.7 trillion are attributed to supply chain-related savings. Smart contracts and blockchain are key technology ingredients for unleashing the power of digital supply chain. It facilitates supply chain collaboration and allows suppliers, producers, logistics providers, customers, and other partners in the value chain to exchange information. Companies need to get started now to develop a blockchain strategy for digital supply chain.

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4:30 PM - 4:55 PM

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SESSION 10

GLOBAL FOOD SUPPLY CHAIN TRANSPARENCY AND TRACEABILITY

Peter Harris

Co-Founder and Research Principal, Chain Business Insights

Blockchain provides an ideal solution for supply chain traceability and transparency. Many of the world's largest food companies and retail giants are investigating how blockchain technology can solve some long lasting challenges in supply chain transparency. With the promise of real-time, secure, tamper resistant, end-to-end traceability, blockchain promises the capability to track a product from retail shelf back through every stage of the supply chain, right to the producer, with speed and accuracy as previously never imagined.

In this session, blockchain experts and pioneers will share their insights and experiences of this game changing technology to enable trustworthy transparency, visibility, and traceability in global supply chains and logistics.

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SESSION 11

TRANSFORMING SUPPLY CHAINS WITH BLOCKCHAIN

Jason English

Vice President of Protocol
Marketing, Sweetbridge

Daniel Martin

Chief Operation Officer,
Producers Market

Matthew DiBona

Senior Director, Smartbridge

In this session you will learn about the value of blockchain technology combined with other innovations and how they are delivering increased liquidity, freeing working capital and easing settlements in today's global supply chains that will benefit world economies, and the people working within them. This session will also cover solutions to producer exploitation and produce counterfeiting.

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DAY 1

5:50 PM - 6:00 PM

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CLOSING REMARKS

Daryl Price Jr

Senior Regional Client Executive at Unicom and former NFL Player



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DAY 2

8:00 AM - 8:05 AM

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Daryl Price Jr

Senior Regional Client Executive at Unicom and former NFL Player



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DAY 2

8:05 AM - 8:20 AM

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Jason Ford, CEcD

Vice President of Regional Economic Development,
Greater Houston Partnership



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DAY 2

8:20 AM - 9:00 AM

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SESSION 12: KEYNOTE ADDRESS

BLOCKCHAIN – A GOVERNMENT PERSPECTIVE

Vincent Annunziato

Director of Trade Transformation Office, U.S. Customs and Border Protection

Blockchain as a technology is capable of achieving a global view of the supply chain and visibility without using traditional centralized infrastructure, it holds many promises to improving efficiencies and ensuring compliance in commercial customs and implementation of a single window. COAC Global Supply Chain Subcommittee established an Emerging Technologies Working Group to look into the applicability of blockchain to trade processing. In Nov, 2017, the workgroup came up with 14 use cases including capturing and keeping track of partnering government agencies licenses, permits, certificate of origin reporting and free trade agreement product qualifications, carnets and bonded movement tracking. [VIEW FULL DESCRIPTION >](#)

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9:00 AM - 9:40 AM

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SESSION 13

BLOCKCHAIN FOR GLOBAL SUPPLY CHAIN AND TRADE: LIVE DEMO

Emmanuel Viale

Managing Director, Accenture Technology Labs

Luca Schiatti

R&D Associate Manager, Accenture Labs

In this session, you will hear and see a live demonstration and use case of blockchain within the global supply chain.



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DAY 2

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SESSION 14

OFF THE CHAIN! NETWORK SAAS PLATFORMS AND BLOCKCHAIN: WHAT BELONGS ON-CHAIN VS. OFF-CHAIN

Bill McBeath

Chief Research Officer, ChainLink Research

We will discuss the high cost and performance limitations of existing blockchain technology and why the majority of blockchain applications for supply chain will not be blockchain alone, but a combination of blockchain integrated with other technologies: supply chain optimization and execution applications, network analytics, traditional databases, workflow, global trade services, etc. These will leverage the decades of development, deployment, and best practice refinement in existing supply chain systems and applications. The talk will cover Network SaaS Architecture and examples of platforms, existing supply chain technologies being combined with blockchain, and how decisions are being made about which functionality and data belongs on the blockchain vs. off the blockchain.

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SESSION 15

ASSESSING THE REALITIES AND OPPORTUNITIES OF BLOCKCHAIN

IMPLEMENTATIONS IN SUPPLY CHAINS

Mark Toohey

Founder, TBSx3



Beyond the hype: A frank assessment of current blockchain capability from one of the industry's early adopters. The credible plans to use blockchain technology to enhance and protect supply chains will be balanced with an acknowledgement of the industry's current challenges. Additionally, the strengths and current limitations of the technology will be candidly discussed. In this presentation, you will find out more about a growing consortium of some of the world's largest supply chain companies.

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10:45 AM - 11:35 AM

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SESSION 16

FUELING THE FUTURE OF THE PETROCHEMICAL INDUSTRY

Arno Laeven

Blockchain Lead, Royal Dutch Shell



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Tetyana Colosivschi

Director, Strategy, Business Development and Partnerships, ConsenSys Energy

There are huge interests from the petrochemical industry concerning Blockchain. An article published on March 1st by Energy Post claims "the next oil boom will be fueled by blockchain". A number of blockchain platforms focusing on petrochemical and energy industry have been developed and some have been tested in recent pilots. For instance, a pilot project involving BP, Eni and Wien Energie demonstrated how a blockchain platform could automate trade reconciliation processes using smart contracts. Through collaboration with Fujairah Oil Industry Zone (FOIZ), a blockchain-based platform was developed to improve transparency, efficiency, government reporting and compliance. Other efforts include Petrobloq's PetroBLOQ blockchain platform developed exclusively for the supply chain needs of the Oil & Gas sector. [VIEW FULL DESCRIPTION >](#)

DAY 2

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SESSION 17

LATEST DEVELOPMENTS OF BLOCKCHAIN TECHNOLOGY IN THE ENERGY INDUSTRY

Keith Letourneau

Partner - Maritime, Blank Rome LLP

In this session, the speaker will cover a multitude of topics from Blockchain's promise and essential characteristics to use cases to implementation hurdles. Examples will be pulled from the maritime trade and oil and gas industries as well as energy commodities and renewables. Additionally, the presentation will cover payment reconciliation, trade finance, and recent regulatory developments.

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12:00 PM - 12:40 PM

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SESSION 18

MOVING FORWARD BLOCKCHAIN APPLICATIONS IN ENERGY TRADE AND FINANCE

Craig Pirrong (M)

Director, Global Energy
Management Institute -
Bauer College of Business -
University of Houston

James C. Row, CFA

Managing Partner,
Entoro Capital, LLC

Deanna R. Reitman

Corporate & Securities Counsel,
DLA Piper

Michael Prokop

Managing Director,
Deloitte & Touche, LLP

In this session, speakers will discuss how to move forward with adoptions of blockchain in the energy industry from financing, trading, and regulatory compliance aspects.

DAY 2

12:40 PM - 12:50 PM

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CLOSING REMARKS

Daryl Price Jr

Senior Regional Client Executive at Unicom and former NFL Player



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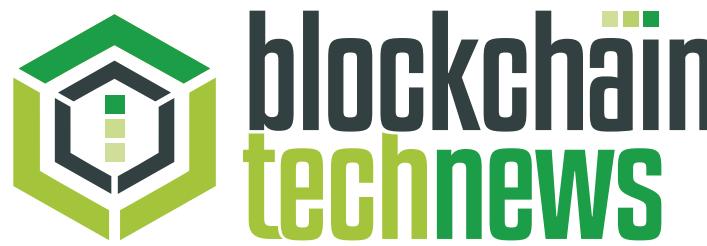
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