

Organised by:



**COURSE
BLOCKCHAIN**

Held in Conjunction with **MPGC**
Middle East Petroleum & Gas Week Events (MPGC 2019) *Week 2019*

Held Under the Patronage of
His Highness Sheikh Mohammed bin Rashid Al Maktoum
Vice President and Prime Minister of the UAE and Ruler of Dubai

A Two-Day Masterclass for Traders and Refiners on

BLOCKCHAIN FOR OIL AND GAS

Intercontinental Dubai Festival City, Dubai, UAE

10-11 April 2019

**COURSE DIRECTOR:
GEOFFREY CANN**

*Principal,
MadCann Alberta Inc.*

SAVE UP TO US\$200
For Early Bird / Team Fees
(see back page for details)

WHO SHOULD ATTEND

This course is aimed at professionals from across oil and gas (upstream, midstream and downstream) who are challenged with finding new ways of doing business. The course benefits principally those who fill commercially oriented roles in their companies. Prior experience with blockchain is not necessary.

- Presidents, CEOs
- Group CEO/ Board Members
- Chairman/ Executive Chairman/ Country Chairman/ Managing Directors/ General Managers
- Chief Financial Officers / Finance Managers
- Chief Information Officers (CIO), Head/Director of IT
- Business Development Managers
- Marketing & Procurement Managers
- Digitisation Lead Leaders
- Head of Supply Trading and Processing/ Global Operations
- Advisors for Oil, Gas
- Group and Senior Economists
- Supply Chain Leaders
- Directors of Business Strategy
- Head of Commodities/ Procurement/ Trading
- Experts & Specialists in Planning/ Logistics/ Transportation
- Managers or Coordinators of Supply/ Administration/ Operations/ Communication / Business

COURSE (2 DAYS)

KEY DRIVERS & TRENDS TO BE COVERED

- History of Distributed Ledger (Blockchain) Technology
- Blockchain Variants and Characteristics
- Trust Mechanisms and Performance Drivers
- Impacts of Blockchain on Crude Oil, LNG, Refined Products Trading
- New Oil and Gas Business Models Enabled by Blockchain
- Crude Oil-backed Digital Assets
- Transformation of Intellectual Property Management
- Creation of New Asset Classes (royalties, fees)
- Financial System Disruption and Impacts on Commodity Trading
- Impacts of Blockchain with Other Technologies
- Regulatory Responses to Blockchain



CERTIFICATE OF ATTENDANCE

All participants who successfully complete the course will receive a certificate of attendance

Visit us at:



ABOUT THE COURSE

Distributed ledger technology, also called “Blockchain”, is penetrating many industries related to petroleum, including Financial Services, Logistics, Commodity Trading, and Automotive Manufacturing. Leading oil companies, including Shell, have made strategic investments in Blockchain companies. This technology is coming quickly to oil and gas—VAKT.IO, a Blockchain based oil and petroleum trading company, has already launched in Europe.

Oil and gas companies need to develop an understanding of this technology and its potential applications in their company and the industry.

WHAT YOU WILL LEARN

- Gain a managerial understanding of blockchain technology, its terminology and applications in oil and gas.
- Understand the differences between various blockchain deployments and their benefits.
- Be conversant on the contemporary issues surrounding this technology for commodity markets.
- Be able to articulate the value of blockchain within the petroleum industry.
- Be able to identify the kinds of oil and gas business problems that blockchain technology is best suited to help solve inside their companies and sectors.
- Understand some of the leading oil and gas blockchain solutions active in the market.

COURSE DIRECTOR



Geoffrey Cann is an independent advisor to the Oil and Gas industry. Following an early career with Imperial Oil, he became a partner at Deloitte, where he carried out hundreds of consulting assignments in Canada, the US, Korea, Japan, Hong Kong, China, Australia and the Caribbean over a 30 year career, retiring from the firm as a senior partner. While at Deloitte, Geoffrey was trained as a global master instructor for Deloitte’s internal training program. He specialises in digital innovation in Oil and Gas, and advises oil and gas companies on digital strategy. He is the author of Bits, Bytes and Barrels: The Digital Transformation of Oil and Gas, teaches regularly at The Haskayne School of Business, and produces a weekly article and podcast on digital issues in energy. He is also the independent director of a blockchain start up based in Calgary. Geoffrey has a B Comm from McGill University and an MBA from the Ivey School of Business

ABOUT THE ORGANISER

Conference Connection’s introductory and advanced two to four-day courses, executive briefings and country workshops, organised with industry specialists, leading consultants and advisers, think-tanks as well as professional and policy groups; provide intensive learning opportunities and practical solutions across key industry sectors, attracting a global audience. The group has an extensive record of successful events since its inception in 1994 and has held more than 3,000 events, attended by nearly 30,000 participants from over 100 countries globally. For full list of courses, conferences and other activities, please email info@cconnection.org or visit www.cconnection.org

1. INTRODUCTION TO DISTRIBUTED LEDGER TECHNOLOGY (DLT) AKA “BLOCKCHAIN”

- History of DLT
- The underlying technologies
- Consensus mechanisms
- Encryption, hashing
- Maintaining a blockchain — mining
- Scripts and smart contracts
- Public, private and hybrid chains
- Relationship with other digital technologies (internet of things, robots, AI)
- Leading blockchain deployments (Ethereum, HyperLedger, Bitcoin, other)
- The first use case - cryptocurrencies, wallets, exchanges, fees, payment services
- Future directions

2. CONTEMPORARY DEVELOPMENTS IN BLOCKCHAIN

- Interoperability
- Volatility
- Governance of blockchain
- Energy use
- Regulation
- Cyber security
- Valuation
- Taxation
- Anonymity
- Alt coins
- Decentralised Autonomous Organizations

3. THE APPLICATION OF BLOCKCHAIN TECHNOLOGY IN BUSINESS

- Conditions favouring DLT
- Asset uses
- Implementing trust
- Resolving ownership
- Financial settlement
- Proving identity
- Managing contracts

4. MARKET OVERVIEW

- Leading companies in DLT
- Leading industrial solutions in Financial Services, Logistics, Automotive

5. USE CASES IN OIL AND GAS

- Supply chain
- Supply planning and trading
- Commodity trading (oil, gas, carbon)
- Capital projects
- Royalty processing
- Financial Settlement
- Loyalty
- Automotive
- Blockchain mining

6. CARRYING OUT A BLOCKCHAIN PILOT

- Designing a pilot
- Measuring results
- Key considerations

7. RESOURCES

MIDDLE EAST PETROLEUM & GAS WEEK EVENTS

MPGC
Week 2019

Blockchain Masterclass is held during MPGC Week 2019 which will bring together seven optional events and will feature product conferences, executive briefings and workshops.

<p>07-09 April 2019 ANCHOR EVENT: 27th Annual Middle East Petroleum & Gas Conference (MPGC)</p>	<p>6-7 April 2019 Middle East Petroleum Insiders Briefing (MPI)</p>	<p>7-9 April 2019 Production Sharing Contracts (PSC)</p>
<p>9 April 2019 Global Finished Lubricants Value Chain (GLV) Course</p>	<p>10-11 April 2019 8th Annual Base Oil & Lubes Middle East Conference (BLM)</p>	<p>Blockchain Masterclass for Traders & Refiners</p> <p>Middle East Gas Insiders Briefing (MGI)</p>

For queries and registration, visit www.cconnection.org/events/mpgcweek2019 or email info@cconnection.org

Organised by:



5 EASY WAYS TO REGISTER

BLOCKCHAIN FOR OIL AND GAS



MAIL
The Conference Connection Inc
P.O. Box 1736 Raffles City, Singapore 911758 or
The Blockchain Secretariat at 135 Middle Road,
#05-01 Bylands Building, Singapore 188975



PHONE
Singapore
(65) 6338 0064



FAX
Singapore
(65) 6338 4090



EMAIL
info@cconnection.org



WEB
www.cconnection.org/
blockchain

This Contains Your Unique Registration Reference.
Please Do Not Remove Mailing Label.

DATES & VENUE

10- 11 April 2019
InterContinental Dubai Festival City
P.O. Box 45777, Dubai United Arab Emirates.
T + 9714 701-1111 **F** + 9714 232 9095
E www.ihg.com

REGISTRATION FEES

Full Fee	US\$2,195 per person
Early Bird Fee	US\$1,995 per person (registration & payment by 21 February 2019)
Team Fee	US\$1,995 per person for the 2nd and subsequent delegate from the same company and billing address (only applies after 21 February 2019)
Joint Attendance Fee	US\$1,995 per person (for all registered MPGC 2019 delegates)

Registration fees will include attendance at all sessions,
daily luncheon and coffee breaks and one set of course
documentation. **Travel and accommodation costs are
not included.**

REGISTRATION CONDITIONS

- All registrations must be on the prescribed form or
in writing and will be on a confirmed basis unless
otherwise notified in writing.

- The organizers reserve the right not to accept prior
and on-site registrations without payment.
- Delegates whose payments are not received before
the event are required to furnish proof of payment
on-site.
- Staff at the event will request a credit card guarantee
without proof of payment.
- The organizers reserve the right to impose conditions
of entry for walk-in delegates.

PAYMENTS

- All payments are to be made in advance of the
conference in US Dollars by Inter-Bank transfers. (Bank
details will be provided upon receipt of registration).
- Please quote event name, invoice number and
delegate number for bank transfers. Please instruct
your bank to remit the full amount, nett of bank
charges

CANCELLATION AND SUBSTITUTION POLICY

- Cancellations notified in writing **before 19 March 2019**
will be levied an administrative fee of 5% for paid
cancellations and 10% for unpaid cancellations.
- Paid and unpaid cancellations notified and
acknowledged between **20-27 March 2019**, will be
charged 50% of the invoiced fee and given one set of
course materials (post-event).
- No refunds for paid cancellation received after
27 March 2019 but delegates can be substituted if the
organizers receive prior notification

- For registrations invoiced and unpaid but
subsequently cancelled after **27 March 2019**, 50% of
the invoiced fee will be charged and one set of course
materials will be provided (post-event).

HOTEL ACCOMMODATION

Delegates will be responsible for their own hotel and visa
arrangements. Official conference participants for MPGC
Week 2019 events qualify for special discounted rates.
Simply request for a FastFax Hotel Reservation Form
upon registration.

VISA APPLICATION & PROCEDURES

Please check with your travel agents or with the relevant
embassy in your country of residence. If required,
delegates may request for a letter of invitation for their
visa application.
Please do not send visa applications to the organizers

DATA PROTECTION

Any client information (name, address and contact
details) obtained during your registration/order will be
added to our database and may be used by Conference
Connection to provide you with further information on
its products and services. Conference Connection may
make this information available to associated partners
for marketing purposes. To restrict or update your
particulars please contact database@cconnection.org

DISCLAIMER - The organizers will not accept liability for non-approval of visas, individual transport delays and transport disruption, and in such circumstances, our normal cancellation rules and penalties apply. Where matters beyond the reasonable control of the organizers impair or prevent the organizers from being able to perform their obligation under this event, the client releases the organizers from any liability, incidental or consequential, to such matters.

REGISTRATION FORM

Yes! Please register me for

BLOCKCHAIN FOR OIL AND GAS

Intercontinental Dubai Festival City, Dubai, UAE
10-11 April 2019

Please Tick (✓) Accordingly:

1. REGISTRATION FEES

Full Fee	<input type="checkbox"/> US\$2,195 per person
Early Bird Fee*	<input type="checkbox"/> US\$1,995 per person
Team Fee*	<input type="checkbox"/> US\$1,995 per person
Joint Attendance Fee	<input type="checkbox"/> US\$1,995 per person (for all registered MPGC 2019 delegates)

* **Early Bird Payment Date: 21 February 2019**

^ **Team Fee:** Apply for the second and subsequent delegate from the same
company and billing address. Registrations must be received at the same
time to qualify. Not valid with other discounts ie. full fee applicable for the
first person.

2. PAYMENT

- I am sending payment by telegraphic transfer.
Please send full details.
- I will need an original invoice.

3. ACCOMMODATION

- Please send me a hotel/visa form.

4. MAILING LIST

- Please include me in your mailing list for future events.

Please print in block letters and return to:

The Conference Connection Inc

P.O. Box 1736 Raffles City, Singapore 911758 or
The Blockchain Secretariat at 135 Middle Road,
#05-01 Bylands Building, Singapore 188975
Tel: (65) 6338 0064 Fax: (65) 6338 4090
Email: info@cconnection.org Website: www.cconnection.org

CC/416/19 WB

First Name (Mr/Ms/Dr) _____

Surname _____

Job Title _____

Nationality _____

Company _____

Address _____

Country _____ **Postal/Zip Code** _____

Tel _____ **Fax** _____

Email _____

Name & Title of Approving Manager _____

Email of Approving Manager _____

Special Dietary Requirements (if any) _____

Main Business Activity _____

Payment must be received before course dates.

ALL REGISTRATIONS MUST BE ACCOMPANIED BY PAYMENT (For more than one delegate, please photocopy the registration form)