



DECENTRALIZED
2017

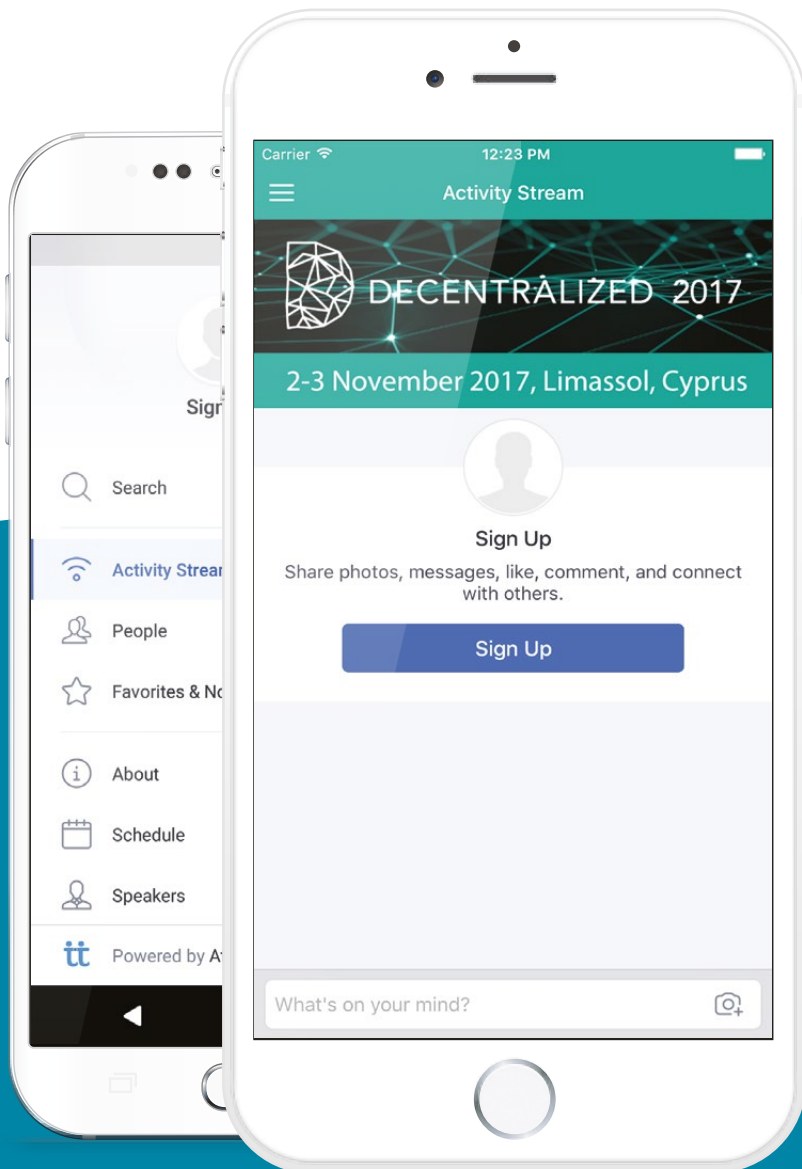
2-3 NOVEMBER, 2017
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Decentralized 2017



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FOREWORD

Decentralized technologies, based on blockchains and other distributed ledger architectures, are rapidly emerging as a new paradigm for business, based on distributed consensus. Best known as the technology underpinning digital currencies, like Bitcoin, and smart contract platforms, like Ethereum, blockchains can be thought of as a distributed record of any type of transactions between parties, where transactions are validated and recorded in chronological order by a decentralized network of peers, without need for a central/trusted/third party.

Blockchains can be radically disruptive in their own, as well as underpin other innovations, such as smart contracts and the Internet of Things. Among the compelling cases of using blockchains to innovate existing markets and processes are: finance (e.g. redesigning clearing and settlement systems), real estate (create tamper-proof records of home/land ownership), voting (increasing transparency and combating fraud), health (enabling individuals, health care providers and medical researchers to securely share electronic health data, without compromising on patient privacy), shipping (using blockchains to streamline and secure cross-border supply chain operations), and many others. Blockchains will have profound consequences for the world, just like the Internet had a couple of decades ago, enabling new forms of finance, new forms of commerce (such as machine-to-machine transactions) and new forms of economic organization (such as decentralized autonomous organizations).

This disruptive potential, coupled with the complex and far-reaching nature of blockchains, has created significant interest and research on them. Governments, public policy makers and organizations are formulating blockchain engagement strategies, realizing that, those

that do so first, will gain a significant advantage in this fast-changing ecosystem. Decentralization still presents a number of challenges that need to be overcome before full-scale adoption is possible. Such challenges include regulatory and legal compliance, business best practices, governance, and others.

To shed light on these challenges and inform the ongoing debate around blockchain application and use, the University of Nicosia (UNIC), through its Institute for the Future (IFF), is organizing DECENTRALIZED 2017. During this two-day event, more than forty leading blockchain executives, academics and technical experts from 18 countries will be speaking on an array of state-of-the-art blockchain topics, focused on practical application and use. DECENTRALIZED 2017 is the first summit of this depth on blockchain topics in the broader region, and a unique opportunity to have direct interaction with leading figures in the blockchain field. We are confident that the unique blend of speakers and conference participants will have a direct positive impact on advancing our understanding of blockchains, identifying critical issues for successful deployment and informing policy and regulatory dialogue.

UNIC is regarded by most industry observers to have the most developed university blockchain and cryptocurrency initiative in the world. It was the first university to offer a course on cryptocurrency and a free online course that has been followed by over 12,000 students since 2014. UNIC's MSc in Digital Currency was the first accredited degree program in the world in this field, and its graduates are involved in leading blockchain organizations worldwide. UNIC was also the first university to publish academic certificates on the blockchain, and to accept bitcoin for tuition.

Soulla Louca & George Giaglis

Conference Chairs | University of Nicosia

eToro: Bringing Blockchain to The Masses

Providing simple and intuitive tools for understanding blockchain and cryptocurrency trading

Promoting and contributing to the blockchain ecosystem

eToro has been at the forefront of the Fintech revolution for over a decade. Among other things, we developed the ColoredCoins protocol, which gave communities the ability to create and manage their own cryptocurrencies.

Improving accessibility to blockchain

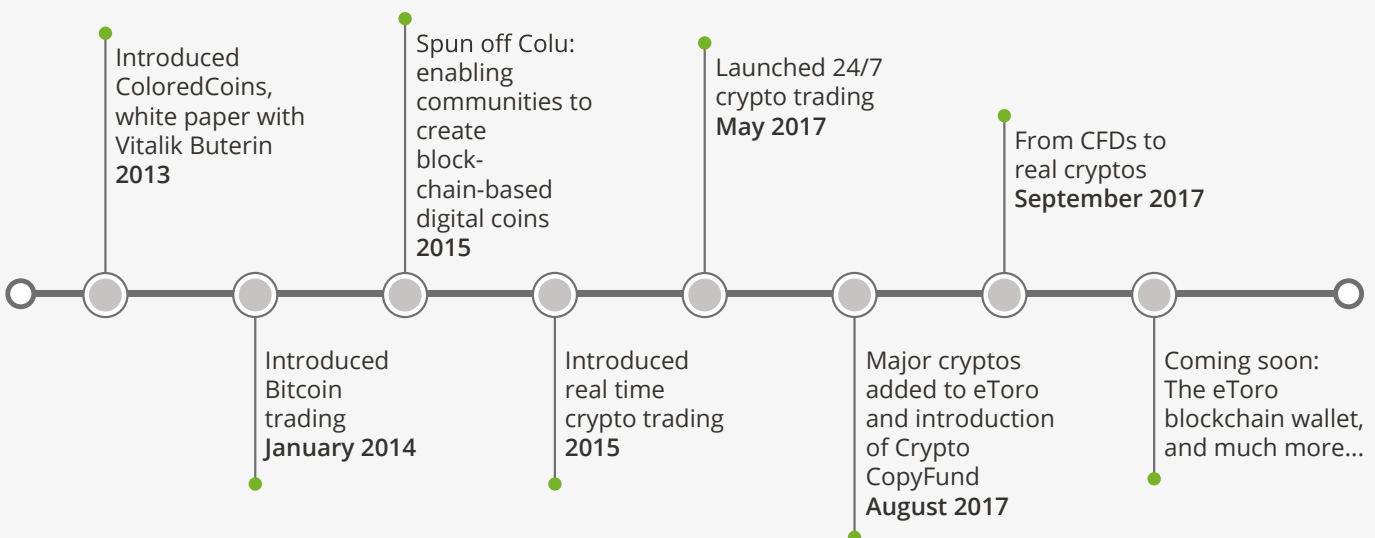
As blockchain becomes more popular and widespread, more and more people will be looking to access this market. We simplify the usability of blockchain and create intuitive tools to make its applications more accessible to the general public.

Harnessing social features for crypto trading

With our patented CopyTrader™ technology, you don't need to be a savvy analyst to invest in cryptocurrencies. On eToro, you can discover successful traders specializing in cryptocurrencies, and replicate everything they do in real time.

Simplifying cryptocurrency trading and investing

The traditional trader has substantial entry barriers, and justifiable concerns, when entering the blockchain space. We offer a variety of cryptocurrencies, and a Crypto CopyFund for long-term investors on one reliable, secure and regulated platform.



* All trading involves risk. Only risk capital you're prepared to lose. The above is for educational purposes only and should be considered investment advice. CFD trading.

SPEAKERS



EVA KAILI
Chair of D-NAT
Chair of STOA
Member in ITRE, TAX2
Substitute in ECON, EMPL,
SEDE, D-RU, D-US



GARRICK HILEMAN
Research Fellow
University of Cambridge



PANOS PANAY
Founding Managing Director
Berklee ICE



ANTONIS POLEMITIS
CEO
University of Nicosia



EMMANUEL VIALE
Managing Director
Accenture Labs



JOHN BASS
Hashed Health



ANDREAS ANTONOPOULOS
Author, Entrepreneur
University of Nicosia Fellow
Online Participation



YONI ASSIA
Founder & CEO
eToro Group Limited



BERNARDO BATIZ-LAZO
Professor Bangor University



FRANK BOLTEN
Managing Partner
CHAINSTEP



GREGOR BOROSA
University of Nicosia
Fellow



DR GEORGE GIAGLIS
Director, Institute for the
Future, University of Nicosia



DANIEL BURGWINKEL
Blockchain Projects Lead
Guardtime



ALICE CORSINI
Chief Operations Officer
Oraclize



SINCLAIR DAVIDSON
Professor of Institutional
Economic RMIT University



ADAM HAYES
Co-founder and CEO
ChainLink



IAN GRIGG
EOS



BRYANT JOSEPH GILOT
Chief Medical Officer
Blockchain Health



SERGEY IVLIEV
Co-founder and COO
Lykke



PROF. SOULLA LOUCA,
Director, Blockchain Initiative,
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YANNIS KARAMITSOS
Digital Transformation
Technologist
Orange Business Services



NIKOS KARAPANAGOU
CTO
Motivian



ADAM PERLOW
CEO, Zen Protocol
Development



ALEXANDAR MATANOVIC
CEO
Electronic Currency District



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KARASAVVAS**
R&D Blockchain Initiative
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Director, Institute for the
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CHIARA MAZZONE
Innovation Policy Officer
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THEODOSIOS MOUROUZIS
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MARK TORR
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Microsoft



ARNAUD DAZIN
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Platform Ltd.



DENIS NORENKO
Founder, WS Capital Group
and Chairman, WS Financial
and Investment Services Ltd.



RUSLAN VASYUTIN
Ph.D. in Psychology
Chief Marketing Officer,
Datarius Cryptobank



**PANAYIOTIS
PAPADOPOULOS**
Partner, Marathon VC



GEORGE PAPAGEORGIOU
University of Nicosia Fellow



THOR PETERSEN
Co-founder, CopyrightCoins



KRZYSZTOF PIECH
Professor, Lazarski University



VIDUSHI SAVANT
Clinical Faculty, Stanford
University Medical Center,
(Online Participation)



AVI SELA
COO
eToro Group Limited



**KONSTANTINOS
SGANTZOS**
Researcher,
University of Thessaly



JAMIE SKELLA
Co-Founder, Horizon State



VOLKER SKWAREK
Professor, Hamburg
University of Applied
Systems



EVAGELOS TABAKIS
Head of Risk Management,
Central Bank of UAE



MARK TOOHEY
Co-founder, TBSx3



KENTAROH TOYODA
Assistant Professor,
Keio University



GEORGE TZIORTZIS,
Board Member, Head of
Management Consulting,
KPMG



VASOS VASSILIOU
Assistant Professor,
Networks Research
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JOHN VELISSARIOS
Principal Director - Global
Blockchain Technology Lead,
Accenture Technology Labs



ANGEL VERSETTI
CEO, Ambrosus



**ATHANASIOS (THANOS)
YAMAS**
Managing Director, IoTask
LLC



BLOCKCHAIN BUSINESS CAMP TOKYO

"Blockchain Business Camp Tokyo"
invites foreign blockchain startup companies to Japan and participate in
business matching events with distinguished Japanese companies.

Participating Japanese Companies (in alphabetical order)

<p>Gaiax Co.Ltd.</p> 	<p>JAPAN POST Co., Ltd.</p> 	<p>KDDI CORPORATION</p> 	<p>Mitsubishi UFJ Financial Group, Inc.</p> 
<p>Nomura Holdings, Inc.</p> 	<p>SBI Holdings, Inc.</p> 	<p>SBI Sumishin Net Bank, Ltd.</p> 	<p>TOYOTA MOTOR CORPORATION</p> 
<p>YAMATO HOLDINGS CO., LTD.</p>  <p>YAMATO HOLDINGS CO., LTD.</p>	..and more		

Application Process (for Foreign Companies)

Application Deadline 23:59 p.m. JST Friday, November 24, 2017

Download the
application
form from HP

Complete form
Send by email

Selection

Announcement
of 5 selected
companies

Inquiries

Blockchain Business Camp Tokyo Office
bcaccelerator@bcbc.tokyo

THINK BIG.

In a rapidly evolving world, where opportunities transcend geographical boundaries and new technologies challenge established limits, thinking big is a must. We are driving educational innovation in the Mediterranean, with our global leadership in Digital Currency/Blockchain Technology and our transformative initiatives in medical and online education. In our effort to inspire and evolve in line with this thinking, we empower our international community of students, alumni, faculty and staff in the process... to **THINK BIG**.

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AGENDA

November 1, 2017

- 17:00 – 19:00 Registration:
19:00 – 20:30 Welcome Cocktail

November 2, 2017

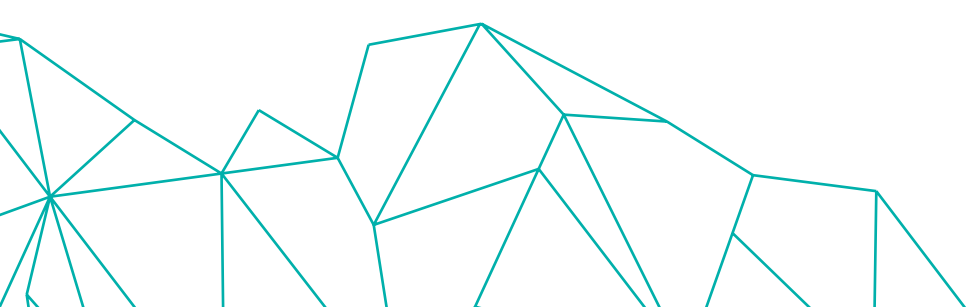
- 09:00 - 10:00 **Opening Remarks**
Chairs: **Soulla Louca**, George Giaglis,
Institute for the Future, University of Nicosia
- 09:00 – 09:30 **Welcome Address: Antonis Polemitis**, CEO,
University of Nicosia
- 09:30 – 10:00 **Cryptocurrencies and Blockchain: Past, Present,
and Future** | *Garrick Hileman, Research Fellow,
Cambridge Centre for Alternative Finance,
University of Cambridge*
- 10:00 - 10:30 Coffee Break
- 10:30 - 11:30 **Panel Discussion I: The Rise of Digital Cash:
Blockchain Regulation, Compliance and Law
Enforcement**
Moderator: Mark Toohey, Co-founder, TBSx3
Avi Sela, COO, eToro Group Limited
Astyanax Kanakakis, Co-founder and CEO,
Norbloc
Alexander Matanovic, CEO, Electronic
Currency District
Sinclair Davidson, Professor of Institutional
Economic, RMIT University
Kentaroh Toyoda, Assistant Professor,
Keio University

Bitcoin and other cryptocurrency platforms present numerous conceptual challenges in the regulatory sphere as they combine aspects of money, commodities and securities. Regulation has been developed in many areas (taxation, money transmitting, securities, etc), but there are numerous legal uncertainties and contradictions. This session outlines the current regulatory landscape and explores the main challenges to be addressed today and in the future.

- 11:30 – 12:10 **Accelerating your Blockchain Projects with
Microsoft and KPMG**
Chair: George Giaglis, Institute for the Future,
University of Nicosia
Mark Torr, IoT and Advanced Analytics, Microsoft
George Tziortzis, Board Member, Head of
Management Consulting, KPMG Cyprus
- 12:10 - 13:10 **Panel Discussion II: Retail Payments or
Settlement Systems: Blockchain in Financial
Services**
Moderator: George Giaglis, Institute for the
Future, University of Nicosia
Evangelos Tabakis, Head of Risk Management,
Central Bank of UAE
John Velissarios, Principal Director, Global
Blockchain Technology Lead, Accenture
Technology Labs
Panayiotis Papadopoulos, Partner, Marathon VC
Yoni Asia, Board Member & CEO, eToro

Possibly the single most fundamental debate about the use of blockchains in financial systems is whether the objective is to replicate a global consumer retail payments platform or a global real-time gross settlement platform. This important and challenging topic impacts everything from views on block size to strategy for firms in the blockchain space.

- 13:10 - 14:40 Lunch Break
- 14:40 – 15:00 **Assuring life-essential products via Blockchain**
Chair: Soulla Louca, Institute for the Future,
University of Nicosia
Angel Versetti, CEO, Ambrosus
- 15:00 – 15:20 **Activities regarding blockchain in Japan**
Chair: George Giaglis, Institute for the Future,
University of Nicosia
Yuka Shimizu, Consultant, Nomura Research
Institute, Ltd.
Anna Hiraiwa, Consultant, Nomura Research
Institute, Ltd.



Panorama, Conference Room

- 15:30 – 16:30 **Horizontal and Vertical Decentralized Industry Solutions**
Chair: Yannis Karamitsos, Digital Transformation Technologist, Orange Business Services
- [15:30 – 15:50] **Michael Merz**, Founder, PONTON | Decentralised energy trading – first results of the Enerchain project
- [15:50 – 16:10] **Nikos Karapanagou**, CTO, Motivian | A toolset to implement Smart Processes on a Blockchain
- [16:10 – 16:30] **Maria Papadaki**, Managing Director, Dubai Center for Risk and Innovation | **The Dubai Centre for Risk and Innovation**: A focus in the UAE strategy for Blockchain

Blockchain is taking numerous industries by storm imposing changes that were previously unimaginable or infeasible. Disruption is at the doorstep and affected organizations will inevitably have to adjust or perish. Initiatives bound to realize the potential of blockchain will be presented.

16:30 - 16:55 Coffee Break

Panorama, Conference Room

- 16:55 - 17:35 **Blockchain.edu: Blockchain in Academia and Research**
Chair: Maria Michailidis, Professor, University of Nicosia
- [16:55 – 17:15] **Bernardo Batiz-Lazo**, Professor - Bangor University | Is DLT the Cure for the Omni-Channel Blues? A Provocation
- [17:15 – 17:35] **Kostas. A. Karasavvas**, R&D Blockchain Initiative, University of Nicosia | Credentials on the Blockchain

Blockchains present a challenging and exciting area for academia, as they do not neatly fall within departmental lines. In this session, we look at the latest developments in blockchain topics in higher education, including new trends in academic instruction, research and use of blockchain-based technologies within the university (e.g. academic credentials on the blockchain).

Megaron B, Conference Room

- 15:30 – 16:30 **Transparency Across the Seas: Blockchain in Shipping & Supply Chain Management**
Chair: Soulla Louca, Institute for the Future, University of Nicosia
- [15:30 – 15:50] **Frank Bolten**, Managing Partner, CHAINSTEP | Blockchain as a game changer for SCM and transport logistics
- [15:50 – 16:10] **Mark Toohey**, Lawyer and Co-founder - TBSx3 | Effective use of Blockchain Technology to Defeat Counterfeiters
- [16:10 – 16:30] **Emmanuel Viale**, Managing Director, Accenture Leader of Accenture Labs | Blockchain beyond Financial Services: supply chain, traceability, shipping, trade finance, etc.

Blockchains can potentially improve on bureaucratic, paper heavy systems in the shipping industry, connecting commerce and supply chains in interlinked chains of provable trust and transparency. Blockchain technology can ensure reliable and updated data for bills of lading and supply chain management, as well as indicate cargo provenance and integrity. This combination of panelists from the shipping and blockchain industry will discuss solutions that may emerge in the coming years.

Megaron B, Conference Room

- 16:55 - 17:55 **Will Robots Use Bitcoin? The Internet of Trust and Artificial Intelligence**
Chair: Maria Papadaki, Managing Director, Dubai Center for Risk and Innovation
- [16:55 – 17:35] **Spyros Makridakis**, Director - Institute for the Future, University of Nicosia | Combining Artificial Intelligence (AI) and Blockchain: Innumerable Technological Innovations
- [17:35 – 17:55] **Konstantinos Sgantzos**, Researcher - University of Thessaly | Implementing a Church-Turing thesis machine on a Blockchain

As algorithms grow and evolve to perform more complex tasks in what we collectively call AI, they'll be called to interoperate with each other, create markets, source services from each other and share information and money much in the same way as humans do. Do we have the hardware and software in place for something like this? Are we ready as a civilization? Bringing several of the above topics together, what new things will we see at the convergence of blockchains, IoT, AI and other fledgling technologies in the near future?

Panorama, Conference Room

- 17:55 - 18:55 **Open Governments: Blockchain-Enabled Governance**
Chair: **Yannis Karamitsos**, Digital Transformation Technologist, Orange Business Services
- [17:55 – 18:15] **Jamie Skella**, Co-Founder - Horizon State | Redesigning Democracy on the Blockchain
- [18:15 – 18:35] **Krzysztof Piech**, Professor - Lazarski University | Blockchain in Poland
- [18:35 – 18:55] **Ian Grigg**, EOS | The Governed Blockchain

Blockchain-based governance has the potential to enable more transparent and efficient governance. We examine what today's leaders view as the key opportunities and challenges in implementing blockchain based solutions in government, either in traditional or non-traditional functions.

- 19:30 – 20:00 Networking Cocktail
- 20:00 - 00:00 Gala Dinner

November 3, 2017

Panorama, Conference Room

- 09:00 - 09:30 **Keynote Talk**
Chair: **Soulla Louca**, Institute for the Future, University of Nicosia
- [09:00 – 09:30] **Chiara Mazzone**, Innovation Policy Office, DG CONNECT- European Commission | Europe and blockchains: Keep Trust in Disruptions
- 09:30 - 10:30 **Horizontal and Vertical Decentralized Industry Solutions**
Chair: **George Giaglis**, Institute for the Future, University of Nicosia
- [09:30 – 09:50] **Adam Hayes**, Co-founder and CEO, ChainLink | Keeping it Real: Distributed Ledgers and Counterfeit Goods
- [09:50 – 10:10] **Yannis Karamitsos**, Digital Transformation Technologist - Orange Business Services |Blockchain & Smart Contracts: Building blocks for Smart Cities
- [10:10 – 10:30] **Alice Corsini**, Chief Operations Officer - Oraclize | Decentralized solutions for real-world problems

Megaron B, Conference Room

- 17:55 - 18:55 **Your Autonomous Fridge: Blockchain and the Internet of Things**
Chair: **Andreas Vlachos**, Academic Coordinator Officer, University of Nicosia
- [17:55 – 18:15] **Skwarek Volker**, Professor – Hamburg University of Applied Sciences | Industrial grade IoT-connections to blockchains
- [18:15 – 18:35] **Vasos Vassiliou**, Assistant Professor, Networks Research Laboratory | Blockchain-based Secure Decentralization for the Internet-of-Things
- [18:35 – 18:55] **Thanos Yamas**, Managing Director, IoTask LLC | A roadmap to Innovation of Things™ - The case of Digital land administration systems

Some say, the "S" in "IoT" stands for security; We still have a lot of problems to solve in this rapidly growing industry, some of which include identification, authentication and management of devices which often still rely on centralized services. Will blockchain-based solutions provide a new interoperability layer between the billions of IoT devices and improve security and maintainability?

Blockchain is taking numerous industries by storm imposing changes that were previously unimaginable or infeasible. Disruption is at the doorstep and affected organizations will inevitably have to adjust or perish. Initiatives bound to realize the potential of blockchain will be presented.

- 10:30 - 11:00 Coffee Break
- 11:00 - 12:20 **Portable Health: Blockchain in the Life and Health Sciences**
Chair: **Spyros Makridakis**, Institute for the Future, University of Nicosia
- [11:00 – 11:20] **Bryant Joseph Gilot**, Chief Medical Officer - Blockchain Health | From Hippocrates to Nakamoto
- [11:20 – 11:40] **Daniel Burgwinkel**, Blockchain Projects Lead - Guardtime | Blockchains in eHealth and Life Science – reality not fiction

[11: 40 – 12:00] **John Bass**, Founder, Chief Executive Officer - Hashed Health | Blockchain & Digital Health Assets

[12:00 – 12:20] **Vidushi Savant**, Clinical Faculty, Stanford Medical Center | Why the healthcare industry needs blockchain technology

Blockchain has the potential to enable secure lifetime medical record sharing by allowing various stakeholders (hospitals, patients, relatives, personal doctors etc.) to access medical data, while still ensuring data integrity as well as privacy protection. What are the implications of this for healthcare systems and how should health care providers and governments be responding?

12:20 – 13:00 Cryptoassets as a New Asset Class: Challenges and Opportunities for Investors, Asset Managers and Regulators
Chair: Soulla Louca, Institute for the Future, University of Nicosia
Denis Norenko, Chairman WS Financial and Investment Services Ltd (WSFIS)

13:00 - 14:20 Lunch Break

14:20 – 14:50 Keynote Talk
Chair: Antonis Polemitis, CEO, University of Nicosia
MEP Ms Eva Kaili, Head of the Greek SD Delegation (Pasok/Elia) in the European Parliament

14:50 - 15:50 Open Financial Systems on the Blockchain
Chair: Adam Hayes, Co-founder and CEO, ChainLink

[14:50 – 15:10] **George Papageorgiou**, UNIC Fellow | ICOs and the future of funding

[15:10 – 15:30] **Sergey Ivliev**, Co-founder and COO - Lykke | Lykke global marketplace: architecture, metrics and roadmap

[15:30 – 15:50] **Theodosis Mourouzis**, Research Fellow- University College London | On the standardization of Initial Coin Offerings

ICOs are a new and disruptive crowdfunding method, that's been slowly evolving over the last 3 years, to peak at more than 1.2\$ billion raised just in 2017 so far. We're exploring what are the major drivers of this process, how it interfaces with conventional regulation and what the future could hold for investment mechanisms in the space.

15:50 - 16:20 Coffee Break

16:20 - 17:00 **Panel Discussion III: Limited Editions:** Digital Blockchain and Digital Rights Management (DRM)
Moderator: Thanos Yamas, Managing Director, IoTask LLC

Panos Panay, Vice President, Innovation and Strategy, Managing Director, Institute for Creative Entrepreneurship, Berklee
Thor Pettersen, Co-founder, CopyrightCoins
Yiannis Levantis,

The storage, distribution and management of digital rights on decentralized ledgers, can ensure that creators, owners and licensees of the intellectual property rights relating to digital assets (anything from a song, to a limited edition print to the blueprints of an aircraft part) are able to protect and prove their own work, as well as get compensated in a more automated manner with fewer intermediaries.

17:00 - 17:40 **The Great Divide: Public vs Private Blockchain**
Chair: Maria Michailidis, Professor, University of Nicosia
Andreas Antonopoulos, Author, Entrepreneur UNic Fellow (Recorded Message)
Gregor Borosa, UNIC Fellow | Public and private blockchains - same idea, inverted context

A detailed view on the different characteristics of public and private (or consortium) blockchains, addressing which organizations, business models, structural profiles, governance mechanisms (if any) are suitable for each type; along with the great question, how much decentralization is enough and can we have too much of it?

17:40 – 17:55 Psychological Aspects of Crowdfunding in FinTech Projects
Chair: Spyros Makridakis, Institute for the Future, University of Nicosia
Ruslan Vasyutin, CMO, Datarius Cryptobank

17:55 – 18:10 The MAP of the Future is Decentralized
Chair: Adam Hayes, Co-founder and CEO, ChainLink
Arnaud Dazin, CEO, Mapping Aggregation Platform Ltd

18:10 – 18:25 Smart Contracts without a Virtual Machine
Chair: Adam Hayes, Co-founder and CEO, ChainLink
Adam Perlow, CEO, Zen Protocol Development

18:10 - 18:35 Closing Session
Antonis Polemitis, CEO, University of Nicosia
Soulla Louca, Institute for the Future, University of Nicosia
George Giaglis, Institute for the Future, University of Nicosia
Spyros Makridakis, Institute for the Future, University of Nicosia

18:35 - 19:30 Networking Cocktail



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