

DISTRIBUTED LEDGER TECH APPLICATIONS - HEALTH

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WELCOME

Blockchain in Healthcare Global IEEE/ISTO formally launched and delivers more, free webinar content this week. The HIMSS [Blockchain in Healthcare](#) text book is released, and HIMSS adds more blockchain content to HIMSS2019. More major cross-industry healthcare collaborations and a call for papers from a major scientific journal. I sense a trend.

~ Sean Manion, PhD - CEO Science Distributed

BLOCKCHAIN/DISTRIBUTED LEDGER TECHNOLOGY – NEWS & COMMENTARY

IEEE Industry Standards and Technology Organization Announces Formation of Blockchain in Healthcare Global

The IEEE Industry Standards and Technology Organization (ISTO), an international federation of leading industry groups and consortia dedicated to the advancement of standardized technologies for the benefit of industry, today announces its newest member program, [Blockchain in Healthcare Global \(BiHG\)](#).

BiHG was established to address the barriers to adoption of blockchain and converging innovations in healthcare and life sciences while advancing progress in scientific reproducibility, medical ethics, human rights and global inclusion. BiHG supports the propagation of standards, develops certification programs, provides education on standards and is involved in the development of health policy with respect to standards.

“As healthcare blockchain efforts mature around the world, there is a tremendous opportunity to benefit all healthcare stakeholders by aligning these efforts within the established framework of IEEE-ISTO to accelerate innovation, advance the commercial success of our members and improve health outcomes globally.” – Heather Flannery, Blockchain in Healthcare Global chair

Commentary: I am one of a dozen BiHG co-founders and the board treasurer. We have taken the time to set the organization up right under the mentorship of our parent org IEEE/ISTO. We know this focus on legitimacy, structure, and substance will have lasting value and impact to the entire blockchain in healthcare ecosystem.

Check events on page 2 for the next in a series of webinars and an NYC blockchain healthcare meetup from BiHG.

<https://globenewswire.com/news-release/2019/01/31/1708422/0/en/IEEE-Industry-Standards-and-Technology-Organization-Announces-Formation-of-Blockchain-in-Healthcare-Global.html>

The Truth About Blockchain and Its Application to Health Care

Over the past few years, the healthcare industry has seen a rise in understanding of the time-stamped, distributed-register technology blockchain and how it might, over time, affect the complex relationship between commerce and care. Healthcare leaders are beginning to have a realistic grasp of blockchain’s potential and how it might transform the industry.

<https://www.hfma.org/Content.aspx?id=63125>

Commentary: This is a highly recommended read on the state and future of the blockchain healthcare industry. The author, Hashed Health CEO John Bass, has been both prime mover and champion in the industry, while also one of its most pragmatic entrepreneurs and sober analysts.

Aetna, IBM launching new blockchain healthcare network

A group of leading health insurers including Aetna, now owned by CVS Health, launched a collaboration with PNC Bank and IBM to design a blockchain healthcare network that will improve transparency and interoperability in the industry.
<https://www.fiercehealthcare.com/tech/aetna-anthem-hcsc-and-ibm-creating-new-blockchain-healthcare-network>

Commentary: This type of major, cross-industry collaboration is the wave of the future. Get in or get left behind.

BLOCKCHAIN/DISTRIBUTED LEDGER TECHNOLOGY - ADDITIONAL RESOURCES

Blockchain for Distributed Research: Special issue from Frontiers in Blockchain – Call for Papers

Blockchain is not one size fits all, it will take scientists who know the pain points, data, and workflow to design solutions across each discipline. That's where you come in. Astronomy to Genetics, Neuroscience to Public Health, experts are needed to determine how it may help. We are looking for manuscripts on empirical experience as well as theoretical applications to any field of science. How blockchain can be applied, the good it will do for advancing knowledge, and the value it can bring. Focus on challenges in each field is encouraged: lack of data standards, complexity of workflows, and other hurdles.

<https://www.frontiersin.org/research-topics/9698/blockchain-for-distributed-research>

Blockchain in Healthcare: Innovations that Empower Patients, Connect Professionals and Improve Care (1st Edition, CRC Press, Productivity Press, HIMSS Book Series) – Now available; e-version out next week

Blockchain technology is poised to revolutionize more than just payment and crypto-currency – healthcare is no exception. In fact, healthcare may hold the greatest opportunities for meaningful use of the technology. The Editors have curated a collection of examples based on the fundamentals of blockchain that build upon the early successes and examples that point to the future. After a brief introduction to bitcoin, blockchain and the protocols available, a getting-started guide is presented specific to health and healthcare. The final section provides a glimpse into the future using blockchain technology and examples of research projects that are still in labs across the globe.

<https://www.crcpress.com/Blockchain-in-Healthcare-Innovations-that-Empower-Patients-Connect-Professionals/Dhillon-Bass-Hooper-Metcalf-Cahana/p/book/9780367031084>

BLOCKCHAIN/DISTRIBUTED LEDGER TECHNOLOGY - EVENTS

FREE - Blockchain in Healthcare Global Webinar Series: "Medication Donation for Patients in Need"

Friday, 08 February, 11-1pm EST. No-cost, one-time series registration.

Featuring Remedichain's four Co-Founders: Phil Baker, PharmD; Jide Anyigbo, PharmD; Ajile' Arnett; and Jason Fisher, CTO. Drs. Baker and Anyigbo are also Co-CEO's of non-profit membership pharmacy, Good Shepherd Pharmacy; plus, Advisors, Kevin Clauson, of Lipscomb University, and Robert Miller, of ConsenSys Health. Learn how this group is using blockchain to help patients with cancer access chemotherapies they otherwise couldn't afford.

<https://register.gotowebinar.com/register/4151444039945537537>

HIMSS Blockchain Symposium: Chain Reaction: How Blockchain Technology Brings Value to Healthcare 11 February 2019 | 8am - 4:30pm EST; requires additional registration/fee from HIMSS Conference

As blockchain continues to enable the exploration of innovative healthcare approaches not previously feasible, its adoption is growing. Gain an overview of blockchain fundamentals and explore real-world experiences of early adopters transforming ideas to practice.

<https://www.himssconference.org/education/blockchain-symposium>

HIMSS Blockchain Forum: Unlocking Data; Privacy, Security, Compliance & Regulation; Provider Data 13 February 2019 | 8am - 12:30pm EST; included with HIMSS Conference registration

The Blockchain Forum will address the following questions: What is real in blockchain? Is it secure, private, and compliant with regulations? What is appropriate and not appropriate for blockchain?

Blockchain and Wearables in Blockchain 13 Feb | 3:30 – 3:55pm EST

How will Blockchain technology be used to manage trusted data from multiple sources, including wearables? Explore the leading edge of standards, protocols and practical examples for tracking patient data and transactions.

<https://www.himssconference.org/education/blockchain-forum>

FREE - Blockchain in Healthcare Global Meetup by Chainhaus, Rise New York (NYC), 26 Feb, 6-9pm EST

Chainhaus along with Blockchain in Healthcare Global IEEE/ISTO (BiHG), Science Distributed (SD), and futuRXism bring you a free meetup for blockchain in healthcare in NYC. Hosted by Jamiel Sheikh (Chainhaus) we'll cover the State of BC/HC (Sean Manion; SD, BiHG), Barriers to Implementation (Brandi Reddick; futuRXism, SD), and Nicole Tay (BiHG, SD), plus a Q/A panel with the speakers and Dr. Yauheni Solad. FREE.

<https://www.eventbrite.com/e/global-blockchain-healthcare-tickets-54458706457>