

# Special Interest Groups

## TSC Invasion:

GROUP SIGs and WG	TSC Member /Guest Speaker	TOPIC	Added to TSC Agenda (date)
Architecture			
Diversity and Inclusion			
Identity			
Learning Materials	11/29/2021	Educational Opps and Weekly Events	
Performance and Scale			
Technical China			
Capital Markets			
Governance/Risk /Compliance			
Healthcare			
Public Sector	12/3/2021	Whitepaper to map Blockchain efforts.	
Social Impact	11/9/2021 Bobbi  11/22/2021 Bobbi  12/8/2021	Social Impact Hackathon  Metaverse Demonstration  Rutgers Blockchain	HTTP://LedgerAcademy.com
Supply Chain			
Telecom			
Trade Finance	12/8/2021	DAML lecture	
Media			
Climate Action Attribute reporting	11/9/2021 Bobbi	Schemas and Standards	Attribute reporting <a href="https://www.w3.org/TR/vocab-ssn/">https://www.w3.org/TR/vocab-ssn/</a> Semantics: SOSA -core ontology  <a href="https://www.globalreporting.org/media/wtaf14tw/a-short-introduction-to-the-gri-standards.pdf">https://www.globalreporting.org/media/wtaf14tw/a-short-introduction-to-the-gri-standards.pdf</a>  Offset Systems  <a href="https://www.alberta.ca/alberta-emission-offset-system.aspx#jumplinks-2">https://www.alberta.ca/alberta-emission-offset-system.aspx#jumplinks-2</a>
Meetup Group Session	11/18/202 Bobbi	Blockchain Employment	Market Yourself Career Fair 12/2
Lab Presentations	Sowank Roy	Blockchain Automation Framework.	November 4, 2021 Looking for Name suggestions. SPROUT?
Mentorship Presentations:	11/15 and 11/17 Bobbi		

## Special Interest and Working Groups VIDEO LIBRARY

[https://www.youtube.com/c/Hyperledger/playlists?view=50&sort=dd&shelf\\_id=6](https://www.youtube.com/c/Hyperledger/playlists?view=50&sort=dd&shelf_id=6)

<https://lists.hyperledger.org/g/SIG-Chairs>

Template to use for your SIG bi-annual report. Please edit as needed.

- Special Interest Group
- Report Author(s)
- ABC-SIG Overall Health
- Issues and Challenges
- Overall Activity in the last 6 months
- Planned Work Products
- Participant Diversity
- Additional Information

- Date Published

Cliamte


ger									
Capital Markets	Climate Actions	Ed Architecture	Healthcare	Public Sector	Social Impact	Supply Chains	Telecom	Trade Finance	
Quarterly SIG Best Practice Call									
When	Every 3 months from 1pm to 2pm on the first Monday Eastern Time - New York								
Where	<a href="https://zoom.us/j/4336690939">https://zoom.us/j/4336690939</a> (map)								
Calendar	<a href="mailto:bobbi@ledgeracademy.com">bobbi@ledgeracademy.com</a>								

<https://gist.github.com/tkuhrt/2cb6ae09fa6c122674766d2bb9239cdb>

<https://wiki.hyperledger.org/display/labs>

<https://lists.hyperledger.org/g/SIG-Chairs>

[https://docs.google.com/presentation/d/1O2v6t\\_TNoT8v0MswiwMr6ddE132eCNmK-m3KhD1pGGE/edit#slide=id.g3cf4a9ebda\\_0\\_647](https://docs.google.com/presentation/d/1O2v6t_TNoT8v0MswiwMr6ddE132eCNmK-m3KhD1pGGE/edit#slide=id.g3cf4a9ebda_0_647)

SIGS								
Capital Markets	Climate Action	Educ ation Archite cture	Health care	Public Sector	Social Impact	Supply Chain	Telecom	Trade Finance
<div>12/10 Vipin Bharathan</div> <div>Most of the work the Capital Markets SIG has been doing is in envisioning the integration of <b>tokenized digital assets with payment rails</b> in the creation of digital capital markets. CMSIG does this through discussion of the <b>latest trends in CBDCs</b>, tokenization of bonds, equities and other financial instruments, business modeling languages for ledger independence etc. CMSIG helped launch a lab in which created a wholesale CBDC using TTF standards and implemented the CBDC on Hyperledger Besu. Many ideas have come together on this project, including the modeling of roles for achieving <b>regulatory compliance, digital wallets</b> etc. Next year CMSIG plans to explore message based interoperability for settlement as the dlts that house the assets and the payments are bound to be different. Also in the works are confidential computing and MPC as wallet strategies for enterprises. The <b>eThaler code</b> from the labs is being generalized into other types of tokens like Carbon tokens. Bridges to IWA and FinOS are also being built.</div> <div>Emission token network that can be used to track and trade utilities emissions.</div> <div><div><div>Emissions audit - represents the actual emissions of an organization, as reported by an auditor.</div><div>Carbon offsets - represents reduction of emissions through projects such as forestry, sequestration, etc.</div><div>Renewable Energy Certificates</div></div><div>Utilities bills get emission number and go buy renewable energy tokens.....</div><div>Works similar to CBDC</div></div>	<div>12/10 Si Chen posted article: Vide o: <a href="#">Fighting Climate Change with Blockchain and Open Source</a></div> <div>11/23 Great call determining Did roles in Climate accounting network Structure. C apital Market token will work for carbon accounting credits.</div> <div><a href="#">Open Climate Collabathon - Global Event</a></div> <div><a href="https://collabathon-docs.openclimate.earth/prompts-1/2020-working-groups/hyperledger-working-group">https://collabathon-docs.openclimate.earth/prompts-1/2020-working-groups/hyperledger-working-group</a></div>	<div>Feng Hou</div> <div>Sub groups : Patient , Payer, Interoperability</div> <div>HC-SIG - Health care Interoperability Subgro up (Archiv ed): <a href="#">COVID 19 Blockchain Article Citatio ns</a></div>	<div>The Hyperledger Public Sector SIG welcomes Liz Tanner, Director of the Department of Business Regulation in Rhode Island, to provide her insights on Digital Transformation in Government and her leading-edge project on Self-Sovereign Identity and Credentials.</div> <div>The meeting is Friday, July 2nd at 10 am EDT.</div> <div>For details, <a href="#">cli ck here</a>.</div>	<div>3/16 /2021</div> <div>Group is working on Reachin g out past hyperle dger, Visit Social Impact Group linkedin and twitter account s.</div>	<div>Cisco Solutio n using fabric to track and trace</div> <div><a href="https://blogs.cisco.com/partners/cisco-and-dhl-partner-to-develo p-a-blockc hain-solutio n">https://blogs.cisco.com/partners/cisco-and-dhl-partner-to-develo p-a-blockc hain-solutio n</a></div> <div>Marco Carval ho, Tom Klein</div>	<div><div><div></div><div>HL_LFEdge_Whit...r_021121_3.pdf</div></div><div>Vipin Rathi, Sunay Zelawat</div><div>Whitepaper</div><div>Decentralized 5G Marketplaces based on Hyperledger Fabric</div><div>Presentation 11/19</div></div> <div><a href="https://www.hyperledger.org/learn/webinars/mletr-legal-principles-and-implementation-singapore-trade-trust">https://www.hyperledger.org/learn/webinars/mletr-legal-principles-and-implementation-singapore-trade-trust</a></div> <div>Andrea Frosini</div> <div><a href="#">Paving the future of International trade and trade finance</a></div>		

more that one authority mints tokens, auditor of projects would mint tokens for network. Then those people register their customer trade and transfer emissions offset with each other. Currencies can be burn emission

2020-11-18

The Bank of Thailand Sovereign Bond Issuance on Blockchain (IBM Blockchain based on Hyperledger Fabric) presentation Issuing & Trading sovereign bonds on the blockchain

Bank of Thailand:  
<https://www.prnewswire.com/news-releases/bank-of-thailand-launches-worlds-first-government-savings-bond-on-ibm-blockchain-technology-301145253.html>

The topic was the creation of Cordite to XDC to DASL, presented by Richard Crook, Director and co-founder of [lab577.io](https://lab577.io).

Of the concepts discussed was the formation of business networks, how the cap-table would be implemented in a Corda based securitization system, the motivation and principles behind Digital Asset Secure Ledger (DASL) etc.

The recordings (both audio and video) as well as Richard's deck are available on the meeting site.

<https://wiki.hyperledger.org/display/CMSIG/2020-11-04>  
Vipin Bharathan

Presentation, BSN & DCEP The present and Future of Chinese Blockchain efforts and CBDC 10/21

[CMSIG-Projects-Taxonomy](#)  
[Intro to Hyperledger CMSIG.pdf](#)  
[CMSIG-Glossary](#)  
[Tokenization](#)

## #Radical Collaboration | Hyperledger CA2 SIG leading a working group at Open Climate Collaboration

Different Wiki?

[Carbon Accounting and Certification WG](#)

Si Chen  
John Hartley

Here's a summary and recording of today's peer programming call:

<https://wiki.hyperledger.org/display/CASIG/Carbon+Accounting+WG+Peer+Programming+Call+2020-10-12>

We're going to be building out a client app to interface with the ledger and then looking at it moving forward to deploy it.

**Martin E. Wainstein** collaborating on major aspects for an integrated climate accounting system.

**Nov 17th Using Open Source to Transform Our Power Grid**

## Feb 12th - NSF-Treasury Grants Payment Proof of Concept

[210212-NSF-payments-Craig-Fisher-FIT DLT Project 2021.2.11.pdf](#)

11/24 December is Social Impact Month so we will do blog posts by sector. ...Need to write a blog for the Giving Chain

Nancy Min  
Marc Liberati  
UN

Working on blog posts. Amelia will speak after elections

Working on Blog Series on Social Impact Use Cases

(17) Hyperledger Chat

Post Attendee - Zoom

2020-11-19 TSC Agenda - Techn...

TSC 11/19 - Learning Materials (...)

Zoom Meeting

You are viewing Nima Afraz's screen

View Options

Recording

LIVE on YouTube

Enter Full Screen

# 5G and New Market Players

- **5G provides the means for a variety of new services:**  
Smart Health, Smart Vehicle/Road, Smart Cities, ...
- **Not all providers will own their own 5G infrastructure**  
Radio Spectrum, Base Stations, Fiber, ...
- **Secondary usage of 5G network infrastructure is the enabler**

Participants (19)

Find a participant

BM	Bobbi Muscara (Me)	
DB	David Boswell (Host)	
NA	Nima Afraz	
1-	1268 -Nitin Jain	
AS	Ahmad Sghaier	
A	alfredo	
BC	Bret Carpenter	
DJ	Deepali Jain	
DD	Dharmen Dhulla	
I	Iman	
KN	Kamlesh Nagware	
LN	Lam Nguyen	
MW	mark wagner	
MB	Masoud Bashari	

Raise Hand

yes

no

go slower

go faster

more

Invite

Unmute Me

Unmute

Start Video

Participants 19

Chat

Share Screen

Record

Leave

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12:07 PM  
11/19/2020