IEEE|BDL

IEEE Computer Society Blockchain and Distributed Ledger Standard Committe

IEEE|BDL
ANNUAL REPORT
2022

Message from the BDL Chair & Vice Chair

2022 was a very important year for BDL, one in which our standard committee prepare itself for the next major step in its journey. At the same time, as we looked at ways to meet future challenges, we didn't slacken the pace for a minute.

For an organization to succeed, it must align behind common goals. At the IEEE C/BDL, we have a clear purpose **– to manages the development of standards within the area of blockchains and distributed ledgers, the development and implementation of blockchains and distributed ledger systems, and for applications of blockchains and distributed ledgers to specific sectors, industries, and processes**. Our standards together with conformity assessment provide the method to achieve this mission. On the occasion, we would like to take you through some of the year's achievements of which we are most proud.
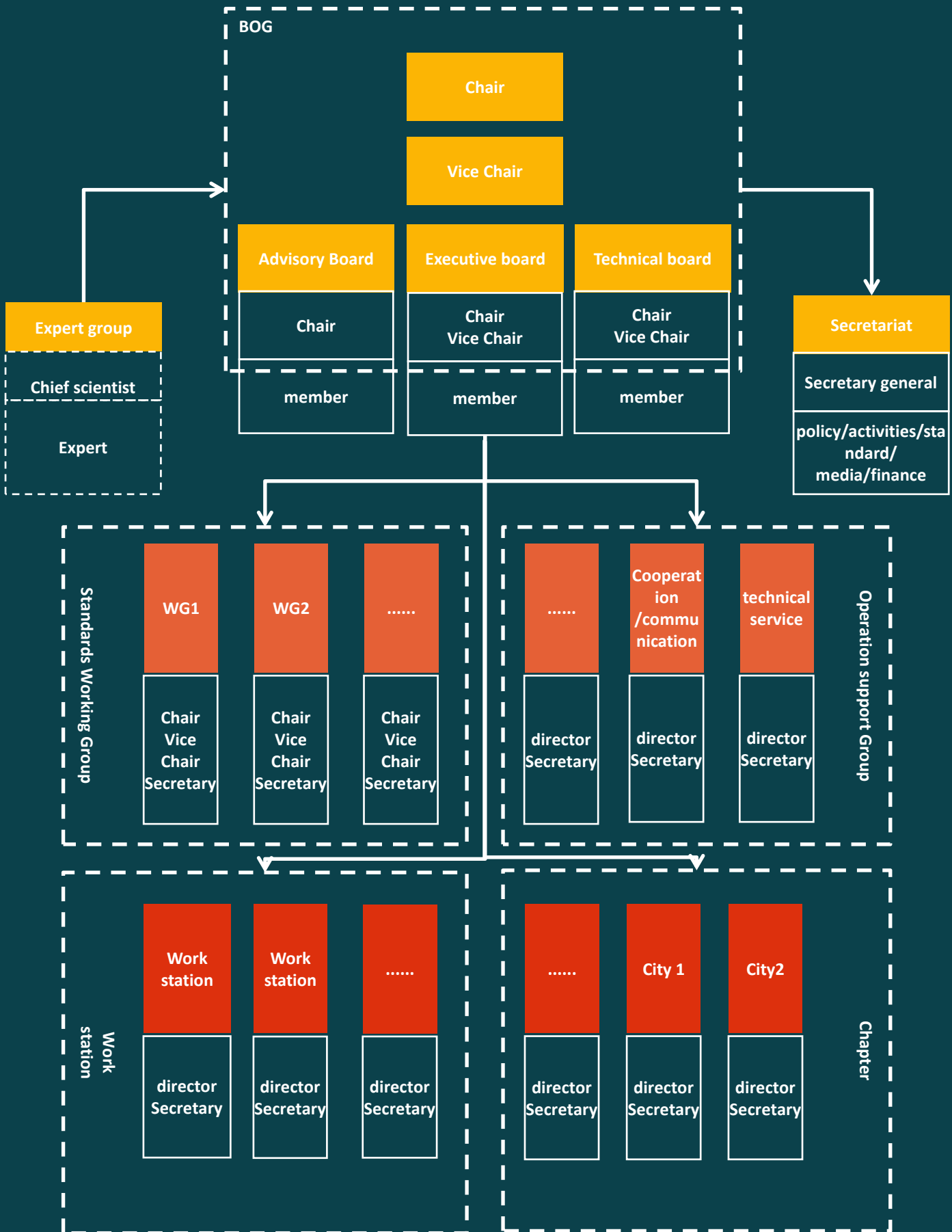
In 2022, we continued to meet, and even surpass, expectations. For example, we completed IEEE P3207, and we have 21 standards under development. You can find out more about these and other standardizing successes in this report.

At a time when we are experiencing an unprecedented global health crisis, many challenges stand ahead of us. We are proud to be a part of the IEEE C/BDL as we are adapting to the future on this journey, and we know that, together, we are on our way to create the digital world by blockchain.

Ming Li, Chair of BDL
Yu Du, Vice Chair of BDL

IEEE BDL STRUCTURE

BOG

Chair

Vice Chair

Advisory Board	Executive board	Technical board
Chair	Chair Vice Chair	Chair Vice Chair
member	member	member

Expert group

Chief scientist

Expert

Secretariat

Secretary general

policy/activities/standard/ media/finance

Standards Working Group

WG1	WG2	......
Chair Vice Chair Secretary	Chair Vice Chair Secretary	Chair Vice Chair Secretary

Operation support Group

......	Cooperation /communication	technical service
director Secretary	director Secretary	director Secretary

Work station

Work station	Work station	......
director Secretary	director Secretary	director Secretary

Chapter

......	City 1	City2
director Secretary	director Secretary	director Secretary

1 HONORS ACADEMIC ADVISOR

4 SUBCOMMITTEES

31 WORKING GROUPS

2 MEMBERS OF ADVISORY BOARD, WHO RESPONSIBLE FOR RECHNICAL REVIEWING ON STANDARD CONTENT

11 MEMBERS OF TECHNICAL BOARD, WHO RESPONSIBLE FOR STRATEGIC DEVELOPMENT PLANNING AND CONSULTING

1 TREASURE

4 SECRETARIES

17 MEMBERS OF EXECUTIVE BOARD, WHO RESPONSIBLE FOR DECISION-MAKING ON MAJOR ISSUES

20 AVERAGE VOTING MEMBERS FOR EACH WORKING GROUPS

80+ ENTITIES (70+HAVE CORPORATE MEMBERSHIP)AS BDL CONTRIBUTORS, LISTED HERE BELOW BY CATEGORY.

Honors Academic Advisor: Jifeng He, Academician of Chinese Academy of Sciences, East China Normal University

Advisory Board	Executive Board	Technical Board
• Susan Corbisiero, Australian Trade and Investment Commission • Hock Lai Chia, Singapore FinTech Association	• Bin Li, Webank • Danny Deng ,Gongyilian • Fangwei He, Zhongke Fuyun • Fred Du, Bytom • Han Hao, Annie • Haobo Ma, Hoopox • Hongfei Da, Distributed Technologies • Jose Antonio Costa, Nokia • Tiancheng Liu, Easy Visible Sky Tree • Wei Xiao, Baidu • Wenpeng Song, Zhongan • Xiaojun Zhang, Huawei • Xinlei Zhai, JD Digits • Ying Yan, Ant Financial • Yuming Yuan, Hainan Huochain Technology Co., Ltd • Zhoudong Ji, Goldfield capital Ltd • Yukun Hao, Wanxiang Blockchain	• Haibin Kan, Fudan University • Jianming Zhu, Central University of Finance and Economics • Liang Cai, Zhejiang University • Qiang Tang, New Jersey Institute of Technology • Ruiyun Yu，Software College, Northeastern University • Yi Sun, Institute of Computing • Phil Lau，Map Protocol • Alison Holt, FIITP, FBCS • Haishui Yan, Aurora IT Group • Kyeong Hee OH, TCA Services • Weilun Lao，China Southern Power Grid Guangzhou Power Supply Bureau

IEEE BDL STANDARDS AT A GLANCE

ACTIVE PROJECTS OF WORK OF BDL

31

THE BREAKDOWN WAS AS FOLLOWS:

2 PUBLISHED

2 COMPLETED

6 PROJECTS AT BALLOT STAGE

21 PROJECTS WORKING GROUP DRAFTS

RECORD NUMBER COMPLETED IN 2022

2

THIS OUTPUT REPRESENTS A TOTAL OF 58 PAGES

IEEE BDL STANDARDS BY TECHNICAL SECTOR

22.6%

APPLICATION

9.7%

INTEROPERABILITY

41.9%

TECHNICAL

12.9%

ASSET

12.9%

SERVICE

The smooth development of IEEE C/BDL 2022 cannot be separated from all member's strong support.

We will continue to make efforts on making all working groups voices heard in 2023 and beyond.

1 IEEE 2418.2-2020 IEEE Standard Data Format for Blockchain Systems

2 IEEE 2418.7-2021 IEEE Standard for the Use of Blockchain in Supply Chain Finance

3 P3201 Standard for Blockchain Access Control

4 P3202 Standard for Capability Evaluation Requirements of Blockchain Practitioners

5 P3203 Standard for Blockchain Interoperability Naming Protocol

6 P3204 Standard for Blockchain Interoperability - Cross Chain Transaction Consistency Protocol

7 P3205 Standard for Blockchain Interoperability - Data Authentication and Communication Protocol

8 P3206 Standard for Blockchain-based Digital Asset Classification

9 P3207 Standard for Blockchain-based Digital Asset Identification

10 P3208 Standard for Blockchain-based Digital Asset Exchange Model

11 P3209 Standard for Blockchain Identity Key Management

12 P3210 Standard for Blockchain-based Digital Identity System Framework

13 P3211 Standard for Blockchain-based Electronic Evidence Interface Specification

14 P3212 Standard for Blockchain System Governance Specification

15 P3214 Standard for Testing Specification of Blockchain Systems

16 P3215 Standard for Consensus Framework for Blockchain System

17 P3216 Standard for Blockchain Service Capability Evaluation

18 P3217 Standard for Application Interface Specification for Blockchain Systems

19 P3218 Standard for Using Blockchain for Carbon Trading Applications

20 P3219 Standard for Blockchain-based Zero-Trust Framework for Internet of Things (IoT)

21 P3220 Guide for the Application of Non-Fungible Token (NFT) Based Digital Asset

22 P3221 Standard for Technical Requirements of Digital Collection Services Based on Blockchain Technologies

23 P3222 Standard for the Reference Architecture of Blockchain as a Service

24 P3223 Standard for the Reference Architecture of Blockchain Fusion Serve

25 P3224 Standard for Blockchain-based Green Power Identification Application

26 P3225 Standard for Using Blockchain in Low Carbon Zones Evaluation

27 P3226 Standard for Trusted Data Circulation based on Blockchain and Distributed Ledger Technologies (DLT)

28 P3227 Standard for a Reference Framework of Data Security Circulation System Based on Blockchain and Federated computation

29 P3228 Standard for the Recurring Transactions Using Distributed Ledger Technologies (DLTs)

30 P3229 Guide for Industrial Software Application Based on Blockchain

31 P3230 Standard for Blockchain based Power System Demand Response Technical Specification

Our performance

OUTSTANDING WGS

Blockchain in Supply Chain Finance_Working Group(C/BDL/BSCF)

After publishing the "Standard for the use of block chain in supply chain finance" in 2021, members of the P2418.7 WG continue having heated regular meeting discussing the needs for standardization.

The published standard defines a baseline architectural framework and defines functional roles for blockchain-driven supply chain finance (SCF) implementations, e.g., core enterprise, supplier, bank, blockchain platform provider, and so on. The procedures of registration, asset issuance, asset transfer, financing based on asset on chain, asset clearing and settlement, and asset tracing, are explained. Finally, the technique requirement of the business system, and blockchain platform are discussed.

Blockchain-Enabled IoT Security Working Group(C/BDL/BEIS)

During the past year, P3219 WG has completed the draft and it is in the bullot phase.

The standard will define a common framework addressing general security and trust in Internet of Things application blockchain use. The framework is constructed using a suite of distributed IoT security and trust service components incorporating blockchain in hardware-based security components on devices, edges and clouds to provide systematic integrity, confidentiality and availability. The framework includes distributed identity and access management, continuous verification and secure data sharing to provide reliable interactions among people, things and applications in the presence of failures and attacks.

Digital Identity Working Group(C/BDL/DI)

During the past year, P3210 WG translates from the phase of establishment to close to a draft finish.

The standard will establishe requirements for blockchain based digital identity systems. The standard addresses the following attributes of the system, including but not limited to, digital identity definition, distributed digital identity creation, distributed digital identity authentication, distributed digital identity note (refers to identity credentials such as identity card, work card, member card), data or asset circulation protocols.

Our Elites

The rapid growth of IEEE C/BDL 2022 cannot be done with the efforts from the members. We would like to have special thanks to our outstanding Experts. With individual performances, things will look better in 2023 and beyond.

OUTSTANDING CONTRIBUTION EXPERTS

Wenting Chang, P3226 WG CHAIR

Wenting Chang is PHD from Tsinghua University and join Antchain since 2019. She is the standard expert in the blockchain and privacy-preserving computing direction. She is an expet of ISO TC307, and has participated in the ITU and IEEE international specification activitites.

DR.Chang has a high professional quality and many years of standard research work experience. During her participation in IEEE C/BDL work, she devoted herself to Standard construction, participated in standard activities for many times, and actively contributed to the preparation and promotion of many standards.

In addition, Chang Wenting, on behalf of Ant Group, led the establishment of three standard working groups, namely IEEE P2418.7, P3205 and P3226, and achieved good results. Among them, the P2418.7 working group successfully released the first IEEE supply chain finance standard, which also showed the excellent professional and organizational ability of Mr. Chang Wenting.

Above, Chang Wenting is recommended to select BDL Expert Outstanding Contribution Award.

Bo Tang, P3219 WG CHAIR

Bo Tang, Ph.D., CISSP-ISSAP, Chief Scientist of Changhong Information Security Lab, Chair of Sichuan Digital Content Protection Engineering Research Center. Dr. Tang has over 15-year professional experience in the field of information security associated with PingAn Insurance of China, Samsung Research America, Institute for Cyber Security at UTSA and so on. His research focuses in access control, IoT security, blockchain application and AI security.

Dr. Tang has strong professional learning ability and has made remarkable research achievements in access control, privacy protection, IoT security, AI security and blockchain application. In the process of promoting the development of P3219 working group standard, he was able to carefully organize working group meetings in strict accordance with the requirements of IEEE SA, actively carry out academic discussions, and integrate more than 20 member corportates in relevant fields, including professional technology enterprises, application enterprises, Universities and scientific research institutes. He has organized in-depth technical exchanges and discussions to ensure the efficient, relaxed and healthy working atmosphere and good development status of the working group. At the same time, he also vigorously promoted the combination of standard development and application landing, guided the development of technology products and industrialization from the actual application scenarios, and made outstanding contributions to the standardization work of IEEE SA C/BDL Committee.

Our Elites

Our highlights

IEEE SA
STANDARDS ASSOCIATION

IEEE Standard for Using Blockchain for carbon Trading Applications

IEEE Computer Society

Developed by the
Blockchain and Distributed Ledgers Standards
Committee

IEEE Std P3218

◆IEEE

STANDARDS

The P3218 IEEE Standard for blockchain-based digital asset Identification provides a technical framework and application processes for using blockchain for Carbon trading applications. This standard also defines the technical requirements for using blockchain for Carbon trading applications, including functions, access, interface, security, and Carbon consumption voucher coding.

This standard provides requirements and specifications for using blockchain for carbon trading applications. It describes a technical framework for the construction of a secure, efficient and convenient carbon trading system. The purpose is to help solve problems in carbon trading: to improve the efficiency of system interactions, perform life cycle traceability management of carbon trading applications, enhance the efficiency of multi-subject identity authentication for carbon trading, and thereby improve business efficiency.

Standard for the Use of Blockchain in Supply Chain Finance
Working Group Participants

Name	WG Position	Affiliation
Dong Wang	Chair	State Grid Corporation of China
Shaoyong Guo	Vice Chair	Beijing University of Posts and Telecommunications
Mianchen Liu	Secretary	China Electronics Standardization Institute
Daozhuang Lin	Contributor	1st cycle corporation
Wenting Chang	Contributor	Alipay.com Co.,Ltd
Xiaomeng Zhang	Contributor	Alipay.com Co.,Ltd
Xiaotian Liu	Contributor	Beijing Academy of Blockchain and Edge Computing
Yingri Yang	Contributor	Beijing Academy of Blockchain and Edge Computing
huangjin	Contributor	Beijing Academy of Blockchain and Edge Computing
linghao He	Contributor	Beijing Academy of Blockchain and Edge Computing
Haobo Ma	Contributor	Beijing Hoopox Information and Technology Co., Ltd.
LiYuan Feng	Contributor	Beijing Hoopox Information and Technology Co., Ltd.
Linna Ruan	Contributor	Beijing University of Posts and Telecommunications
Lin Sun	Contributor	China Electronics Standardization Institute
Ming Li	Contributor	China Electronics Standardization Institute
Weilun Lao	Contributor	China Southern Power Grid Co., Ltd
Cheng Zang	Contributor	China Zheshang Bank Co., Ltd.
Guozheng Yang	Contributor	China Zheshang Bank Co., Ltd.
Xiaofeng Chen	Contributor	Hangzhou Qulian Technology Co., Ltd
Wei Li	Contributor	Hangzhou Qulian Technology Co., Ltd
Butian Huang	Contributor	Hangzhou Yunphant Network Technology
Ziyi Zhang	Contributor	Huawei Technologies Co., Ltd
Zheng Zhang	Contributor	Shandong Computer Science Center
Fan Li	Contributor	Shandong Computer Science Center
Yang Gao	Contributor	Shanghai Pudong Development Bank Co., Ltd.
Yukun Hao	Contributor	Shanghai Wanxiang Blockchain Inc
Jingting Ji	Contributor	Shanghai Wanxiang Blockchain Inc
Peng Ju	Contributor	Shanghai Wanxiang Blockchain Inc
Bo Tang	Contributor	Sichuan Changhong Electric Co.,Ltd.
Dejun Huang	Contributor	Sichuan Changhong Electric Co.,Ltd.
Zhuyu Shi	Contributor	State Grid Corporation of China
Bin Li	Contributor	WeBank Co., Ltd.
Yuxiang Gao	Contributor	WeBank Co., Ltd.

BDL VIRTUAL PLENARY IN APRIL

IEEE Computer Society Blockchain and Distributed Ledger Standards Committee Plenary Meeting

Location: Virtual
Time: 25th April 2022, 9:00 am - 12:00 am, UTC+8

Sign in for plenary starts at 9:00am on the morning

1. Call to Order and Roster Update

2. Approval of Plenary Agenda

3. Approval of last Minutes

4. Opening speech given by Chair - LI Ming

5. Vice Chair Report - DU Yu

6. Chief Secretary Report - HAO Yukun

7. Update from IEEE SA Staff - ZHAO Meng

8. New cooperation agreement release
8.1 Appointment of Liaisons with ISO/TC 322 for Year 2022-2023 - LI Ming

8.2 Cooperation with IEEE Blockchain Conformity Assessment Committee (BCAC) - HAO Yukun

9. New IEEE Standard Release
IEEE 2418.7-2021 IEEE Standard for the Use of Blockchain in Supply Chain Finance

10. New Technical Trend Report Release - DU Yu
NFT Research Report

11. Motions
Motion 1: Setting up Award for Outstanding Working Group (Motion from HUANG Dejun)

Motion 2: Setting up Award for Outstanding contribution of expert (Motion from LI Nuqie)

Motion 3: Attributes for consideration of project proposals to be overseen by the IEEE C/BDL (Motion from LI Chao)

Motion 4: Setting up BDL/AHG 1 Web 3.0 Study Group (Motion from YAO Xiang)
- Chair of AHG 1 will be appointed by BDL
- Call for Participate

12. Working groups status report
P3201 Standard for Blockchain Access Control
P3203 Standard for Blockchain Interoperability Naming Protocol
P3204 Standard for Blockchain Interoperability - Cross Chain Transaction Consistency Protocol
P3205 Standard for Blockchain Interoperability - Data Authentication and Communication Protocol
P3206 Standard for Blockchain-based Digital Asset Classification
P3207 Standard for Blockchain-based Digital Asset Identification
P3208 Standard for Blockchain-based Digital Asset Exchange Model

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IEEE Computer Society Blockchain and Distributed Ledger Standards Committee

Closing Plenary Agenda

Location: Virtual
Time: 29th April 2022, 9:30 am - 12:00 am, UTC+8

1. Call to Order and Roster Update

2. Approval of Plenary Agenda

3. Working groups status report

4. Call for 2022 Technical Webinar

5. Call for Technical Trend Report (TTR)

6. Call for Web 3.0 TTR participates

7. Launch for Outstanding Working Group Award, and Outstanding Contribution of Expert Award

8. Summary
8.1 Topic 1: Standard Projects Necessity, Feasibility, and Overlap.

8.2 Topic 2: Identify your Membership

8.2.1 Obtaining Membership in a Working Group

Working Group membership is by entity. A member shall be an Advanced Entity Member of the IEEE-SA.

A non-member may become a member only after: providing contact and representative (DR/DRA) information needed for the roster (see Clause 4.7), or paying any services fee.

A non-member becomes a non-voting member by attending one meeting.

A non-voting member becomes a voting member by attending 2 of the last 4 meetings and upon sending a request for voting status to the Working Group chair prior to the next meeting.
The member's voting status will be effective at the start of the next meeting.

Voting membership is granted to those entities attending the first meeting of a newly chartered Working Group upon their request to the Working Group chair.

8.2.2 Observers
A Corporate Member of the IEEE-SA (either Basic Entity Member or Advanced Entity Member) may become an observer of the Working Group by attending a WG meeting and stating that they are attending in the role of observer.

An entity that is not a Corporate Member of the IEEE-SA may observe (i.e., send one or more individuals to attend) at most one meeting per project of the Working Group. The Secretary shall record such attendances.

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IEEE Blockchain Conformity Assessment Committee (BCAC)

IEEE SA STANDARDS ASSOCIATION   ◆IEEE

| Standards | Products & Programs | Focuses | Get Involved | Resources | **MAC ADDRESS** | 🔍 |

IEEE BLOCKCHAIN CONFORMITY ASSESSMENT PROGRAM

Home > Products & Programs > IEEE Conformity Assessment Program (ICAP) > IEEE Conformity Assessment Program (ICAP) Programs > IEEE Blockchain Conformity Assessment Program

Introduction

With the increased use of blockchain technology by companies for various applications and solutions, there are no unified specifications and requirements for technical platform, system architecture, data format, application scenarios and service capability. The IEEE Computer Society Blockchain and Distributed Ledger Standards Committee (BDLSC) and the IEEE Conformity Assessment Program (ICAP) are jointly developing a conformity assessment program to ensure blockchain systems and products, can demonstrate conformance to related IEEE standards. This program will be managed and operated by ICAP.

IEEE Blockchain and Distributed Ledger Standards

The IEEE Computer Society Blockchain and Distributed Ledger Standards Committee (BDLSC) manages the development of IEEE 3200™ series and other standards for blockchain and distributed ledger. These standards encompass relevant data formats for application to specific sectors, industries, and processes.

The IEEE BDLSC will standardize the implementation of blockchain system across various industry verticals such as finance, manufacturing, agriculture, IoT, energy, and healthcare, with a focus to support blockchain data, technology, application, assets, service, and other related domains interoperability between blockchain systems.

Conformity Assessment Committee

The IEEE Blockchain certification program is being developed by the IEEE Blockchain Conformity Assessment Committee (BCAC), comprised of industry stakeholders, that will bring value to users, manufacturers, solution providers, regulators, and other potential beneficiaries. The goal of the BCAC is to produce and execute a unified test and evaluation specification aligned with current and future IEEE blockchain standards.

IEEE is issuing a call for participation for entities to join this committee. The main objectives of this committee will likely include:

Objectives

- Demonstrate to buyers that blockchain products or systems conform to the IEEE BDL standards
- Advise on the IEEE blockchain certification scheme requirements
- Define competency and audit requirements to become an IEEE recognized test laboratory
- Develop procurement language and advise on the IEEE Certified Mark

Join the Committee

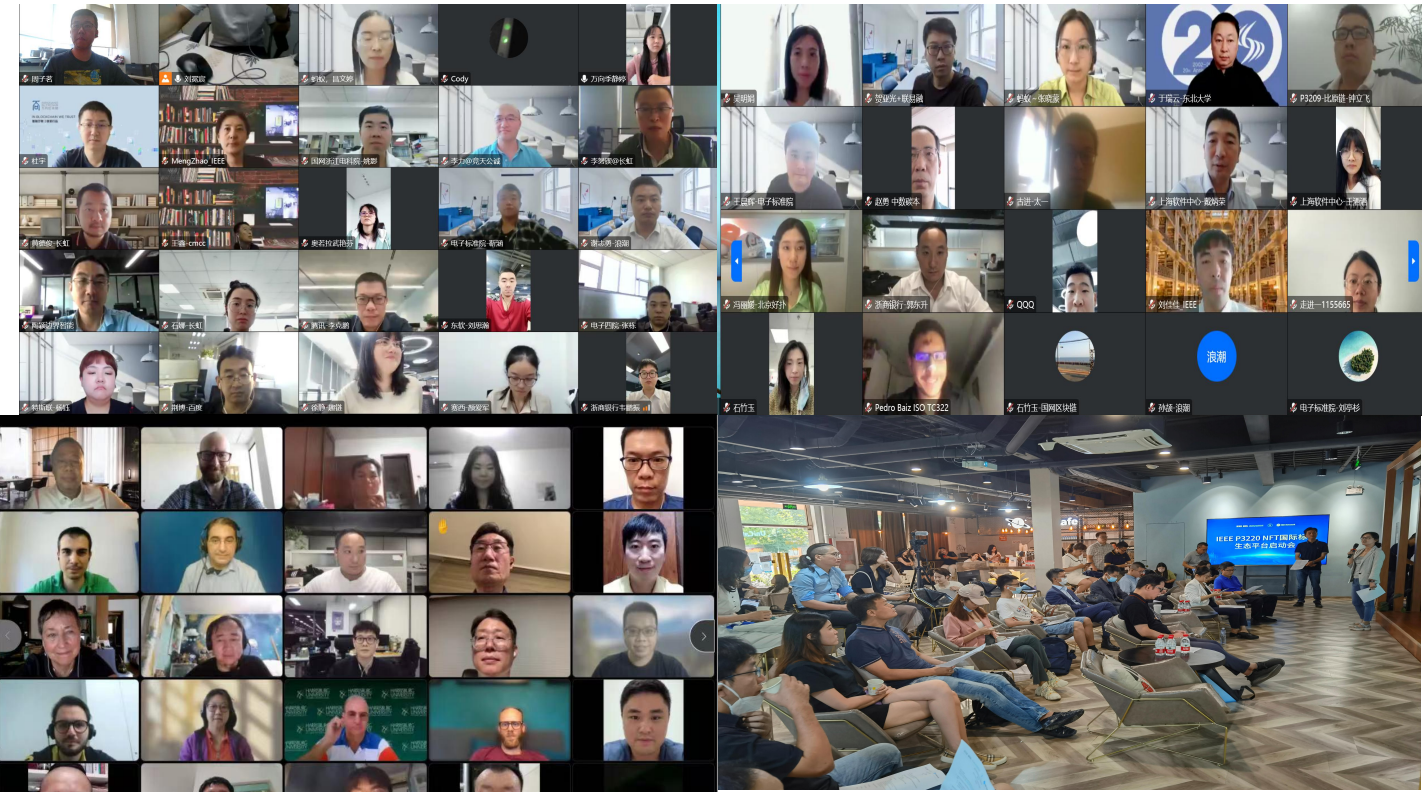---

Introduction

Blockchain and Distributed Ledger Standards

Conformity Assessment Committee

Join

Blockchain Conformity Assessment Committee.

Learn More >

Contact Us

For more information, please contact ICAP at blockchain@ieee.org.

2
PLENARY MEETING

83
MEETINGS OF WORKING GROUPS

16
MEETINGS OF EXECUTIVE BOARD

IEEE SA STANDARDS ASSOCIATION
IEEE BDL IEEE Computer Society Blockchain and Distributed Ledger Standards Committee

IEEE Computer Society Blockchain and Distributed Ledger Standards Committee
WG Chairs Teleconference, Unapproved Minutes
18th March 2022 , 10:00 am - 11:00 am, Beijing Time

Attendees
Chair: Ming Li

Vice Chair
Yu Du

Secretariat: Yukun Hao, Lin Sun, Dejun Huang, Nuqie Li, Chao Li

P3200s Working group chairs: Bo Tang, Ming Wu, Tingshan Liu, Boyang Li, Honglin Qiu, Dong Zhang, JianDu, Dong Wang, Huaicheng Huang, Bo Jing, Yuan Tan, Haobo Ma, Manxiang Du, Rendong Liu, Chenhui Wang

Observers: Liangliang Zhi, Le Ju

Absent: XinTian, BingrongDai

1. Call to order and introductions
Secretary, Yukun Hao, called the tele-conference to order at 10:00 am. There was a round of introductions by all in attendance.

2. Review and approval of the agenda
The agenda was reviewed, and Secretary, Yukun Hao, asked if there were any changes to be made.
There were none.

A motion was made (Chenhui Wang) and seconded (Bo Tang) to approve the agenda.
In the absence of objection, the motion was approved.

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IEEE SA STANDARDS ASSOCIATION
IEEE BDL IEEE Computer Society Blockchain and Distributed Ledger Standards Committee

IEEE Computer Society Blockchain and Distributed Ledger Standards Committee Plenary Meeting

Agenda
Location: Virtual
Time: 20-22nd September 2022

1. Call to Order and Roster Update

2. Approval of Plenary Agenda

3. Approval of last Minutes

4. Opening speech given by Chair - LI Ming

5. Chief Secretary Report - HAO Yukun

6. Update from IEEE SA Staff - ZHAO Meng

7. Motions

Motion 1: Giving award for Outstanding Working Group (Motion from HUANG Dejun)
- Announce Outstanding Working Group
- Chair of Outstanding Working Group speech

Motion 2: Setting up BDL/AHG 1 Web 3.0 Study Group (Motion from YAO Xiang)
- Chair of AHG 1 will be appointed by BDL
- Call for Participate

Motion 3: Introduction P3226-Standard for Trusted Data Circulation based on Blockchain and DLT (Motion from Chang Wenting)
- Project introduction.
- Call for Participate

Motion 4: Giving award for Outstanding contribution of expert (Motion from LI Nuqie)
- Announce Outstanding contribution of expert
- Referrer of Outstanding contribution of expert speech

8. Working groups status report
P3201 Standard for Blockchain Access Control
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P3209 Standard for Blockchain Identity Key Management
P3210 Standard for Blockchain-based Digital Identity System Framework

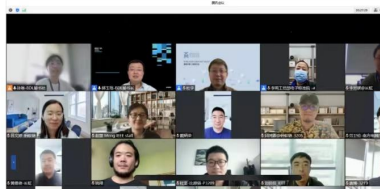standards.ieee.org

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OUR INFLUENCE

IEEE计算机协会区块链和分布式记账标准委员会全体会议暨P3200系列国际标准工作组会议成功召开

IEEE BDL   IEEE BDL   2022-04-29 17:30
发表于香港

收录于合集
#区块链 16   #ieee 9   #国际标准 14

2022年4月25日至29日，IEEE机协会区块链和分布式记账标准委全体会议暨P3200系列国际标准工召开线上会议。本次全会由IEEE计协会区块链和分布式记账标准委（以下简称：IEEE BDL）主办，线上会议的方式，来自区块链领域单位的70余名代表参加了为期五天议。

李鸣指出，就政策而言，中国、盟、日本、韩国都发布了数字经济、人工智能以及虚拟空间等相关领域的政策；在技术层面，新一代信息技术的发展和Web3的提出都极大地促进了元宇宙的发展；从商业角度来看，互联网的金融和数据红利基本见顶，且投资标的物减少。此外，社会领域的影视作品和小说对元宇宙的发展起到了促进作用。

【精彩回顾】全球IEEE 5G物块链峰会-摩洛哥拉巴特

原创 BSV区块链 BA资讯 2022-10-10
发表于上海

本文出处：bsvblockchain.org
首发时间：2022年5月19日

2022年5月12日，BSV区块链协会作共同举办并出席了在摩洛哥拉巴特会，本次峰会与当地的智慧城市周同期

在摩洛哥拉巴特，IEEE峰会与智慧城市周办。本次活动聚焦IEEE 5G、物联网和区题，行业高管、政府代表和行业专家齐聚5G-物联网世界中通信网络的缺陷进行了

BSV区块链协会是IEEE峰会的合作伙伴，协会以及在BSV区块链上构建项目的代表出席了会议，讨论了BSV区块链如何在数据驱动型经济下更好地推动互联

李鸣认为标准作为市场和产业发展的关键要素，不仅可以降低区块链产业的技术不确定性和商业协作摩擦，促进区块链产业高质量发

全球区块链学术盛会IEEE-ICBC在沪落幕 上海树图区块链研究院斩获杰出论文贡献奖 原创

新民晚报
2022-05-06 17:03   新民晚报官方帐号   关注

新民晚报讯（记者 马亚宁）今天凌晨，每年一度的全球区块链学术盛会IEEE-ICBC于云端顺利闭幕。中国上海成为继韩国首尔、加拿大多伦多、澳大利亚悉尼后第四个举办该项区块链国际学术盛会的城市。该项国际学术盛会在上海的成功举办也为上海作为全球数字化转型的前沿阵地奠定了学术地位。

图说：上海成为第四个举办全球区块链学术

和分布式记账
P3200系列国
召开

发表于北京

，IEEE计算机协准委员会全体会工作组召开线上会机协会区块链和以下简称：IEEE议的方式，来自余名代表参加了

会议由IEEE BDL秘书、中国电子技术标准化研究院区块链研究室工程师刘冕宸主持。会上IEEE BDL主席、中国电子技术标准化研究院区块链研究室主任李鸣介绍了工作组情况和规划，IEEE BDL秘书长、上海万向区块链股份公司高级总监郝玉琨介

BDL OFFICERS

Ming LI, BDL CHAIR

Mr. Li is Chair of IEEE Computer Society Blockchain and Distributed Ledger Standards Committee, Member of IEEE SA CAG, SMDC, RevCom, AsiaPac Regional Advisory Group, AI/SC, Chair of IEEE P2418.2 Standard Data Format for Blockchain Systems, Chair of IEEE P2841 Framework and Process for Deep Learning Evaluation, Editor of ISO/IEC TR 38505-2:2018 Governance of data, Member of ISO/TC 307, ISO/IEC JTC1 SC40, DAMA, ISACA, SAC, Associate Editors of IET BLOCKCHAIN.

Yu DU, BDL VICE CHAIR

Mr. Du is the Vice General Manager of Wanxiang Blockchain Inc. and General Director of Wanxiang Blockchain Labs. Since joining China Wanxiang Holdings in 2015, Mr. Du has been in charge of the operations of Wanxiang Blockchain Inc. and the management of Wanxiang Blockchain Labs, including New Chainbase, investment and strategic cooperation, and product development. Mr. Du has been serving as the Under-Secretary-General of CBD Forum since 2016. He is also member of the author group of the MIIT white papers. And he has a proven track record of blockchain technology, product development, and investment.
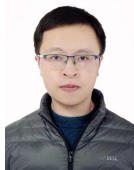
Yukun HAO, BDL CHIEF SECRETARY

Mr. Hao is the Senior Director of Wanxiang Blockchain Inc., blockchain expert serving the Ministry of Industry and Information Technology of China, and visiting researcher of Imperial College London. Mr. Hao took in charge of an R&D project of a blockchain based intelligent container operation management system; the project won the Grand Award at The First China Blockchain Development Contest. Mr. Hao has also possessed several authorized patents on blockchain and distributed system.

Lin SUN, BDL EXECUTIVE SECRETARY

Lin Sun served as IEEE BDL secretary since 2019. Ms. Sun works as a standardization engineer in China electronics institute standardization blockchain research office. Ms. Sun is also an expert of ISO TC307, and participated in the compilation and release of 'China Blockchain Technology and Application Development Research Report 2018' and 'Shenzhen Blockchain Technology and Industry Research and Development Report 2018'.
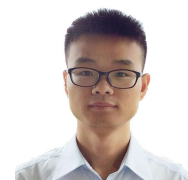
Nuqie LI, BDL PROPAGANDA SECRETARY

Nuqie Li, BDL Propaganda Secretary Mr. Li is the Product Manager of Sichuan Changhong Electric Co., Ltd. Since joining Sichuan Changhong , Mr. Du has been in charge of blockchain product planning and design, and integration of blockchain and Internet of things. Mr. Li has participated in the preparation of 14 standards in the blockchain field, he is also member of the author group of the MIIT blockchain case set.

Dejun HUANG, BDL COMMUNICATIONS SECRETARY

Dejun Huang has served as IEEE BDL Communications Secretary since 2021. He works as a senior engineer in Sichuan Changhong Electric Co., LTD. Mr. Huang is also the secretary of P3206 and has participated in more than ten standards in the blockchain field.

Chao LI, BDL STANDARD SECRETARY

Mr.Li is the head of blockchain innovation Department of Shanghai Software Center. As a standard expert, Mr.Li participated in the development of a number of blockchain standards. Mr.Li is also as a core member of the blockchain Technology Research Institute of Shanghai Academy of Sciences & Technology, responsible for the research and development of blockchain projects.