

BGIN Block#12 @Tokyo, Japan

Day 1 (March 2nd, Sunday) Venue: Dragon Gate, Shibuya Parco DG Bldg., 15-1 Udagawa-cho, Shibuya-ku, Tokyo 150-0042, Japan		
Time	Room	Session and Topics
8:30-9:00		Registration
9:00-9:30		Opening
9:30-11:00	Workshop [Room A]	Security Assessment and Development of ST/PP
		WG: CS Status: 3. Item Creation for New Project
		Description: This session focuses on establishing standardized Security Targets (ST) and Protection Profiles (PP) for blockchain and applications utilizing cryptographic key management. We will identify key assets and security requirements, develop standardized STs for various application types, and create reusable PPs. This framework will address key management challenges in decentralized systems, ensuring robust security for blockchain-enabled applications. The goal of this session is to gauge the level of interest in these topics and formally adopt them as work items,
		Related documents: BGIN Cybersecurity Working Group Charter
11:00-11:30		Break
11:30-13:00	Workshop [Room A]	The Mutual Impact and Improved Outcomes of Blockchain & AI
		WG: FASE Status: 2. Document Mid-Review
		Description: Description: The convergence of blockchain and AI offers groundbreaking potential. Whether leveraging blockchain to solve AI's data management challenges or harnessing AI to tackle governance issues in blockchain, the synergies between these technologies are being hotly debated. This discussion will take a futuristic lens, weighing both the positive and negative aspects of these synergistic applications, drawing from real-world use cases. The conversation will be grounded in research conducted in the BGIN Financial Application & Social Economics Working Group.
		Related documents: BGIN Block#11 MR AI and Blockchain Governance FACE_AI and Blockchain Governance
11:30-13:00	Workshop [Room B]	Lessons in Smart Contract Security: Insights from the Recent Crypto Exchange Hack
		WG: CS Status: 3. Item Creation for New Project
		This session aims to discuss with cybersecurity experts regarding the methods and vulnerabilities related to the recent hacking incident involving Bybit. <ul style="list-style-type: none"> - Presentation by experts on what is known about the incident as of March 2 (20 minutes) - Q&A session regarding the presentation (40 minutes) - Discussion on the actions stakeholders should take in response to the incident (30 minutes)
		Related documents:
13:00-14:30		Lunch Lunch will not be provided, but participants can go to the cafeteria nearby together.
14:30-16:00	Workshop [Room A]	Cybersecurity Education
		WG: CS Status: 3. Item Creation for New Project
		Description: This working group session tackles the critical need for comprehensive cybersecurity education within the blockchain ecosystem. Recognizing the diverse stakeholders – developers, users, investors, and

		<p>polymakers – we will explore effective strategies for raising awareness of prevalent threats like smart contract vulnerabilities and private key compromise. The session will focus on promoting best practices for secure coding, responsible key management, and safe user behavior. Furthermore, it will delve into developing tailored educational resources and fostering collaboration to empower all stakeholders in building a more secure and resilient decentralized future. The goal of this session is to gauge the level of interest in this topic and formally adopt them as work items.</p>		
		<p>Related documents: BGIN Cybersecurity Working Group Charter</p>		
16:00-16:30		Break		
16:30-18:00	Workshop [Room A]	Layer2 Governance		
		<table><tr><td>WG: IKP</td><td>Status: 2: Document Mid-Review</td></tr></table>	WG: IKP	Status: 2: Document Mid-Review
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		<p>Description: As “Layer 2” scaling solutions emerge to address the scalability and cost-efficiency challenges of “Layer 1” blockchains, they could bring new governance and security challenges, as described in “Blockchain Trilemma.” The ongoing research at BGIN IKP WG objectively analyzes the trust points that can be created by “Layer 2.” Based on the research, this discussion will engage business operators, regulators, and technical experts to explore how to solve the security and governance challenges.</p>		
<p>Related Documents: BGIN Block#11 MR L2 Governance IKP_Layer2 Governance https://app.mural.co/t/blockchaingovernanceinitiati4922/m/blockchaingovernanceinitiati4922/1740655340996/0bf200ae82c52eabd1c5afa3e379a5d4dd01b13d?sender=uaal1f2683c64ffb3cf7a8341</p>				
16:30-18:00	Workshop [Room B]	ZKP and its Viable Use Cases		
		<table><tr><td>WG: IKP</td><td>Status: 1. Document Approval</td></tr></table>	WG: IKP	Status: 1. Document Approval
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		<p>Description: This project explores Zero-Knowledge Proof (ZKP) technology, focusing on its definitions, terminology, and advancements. It examines ZKP's backend, frontend, and historical development while analyzing its societal impact, including specialized programming tools, performance trade-offs, vulnerabilities, and applications. Special attention is given to zkRollup technology, its history, and concerns, highlighting ZKP's role in advancing privacy and blockchain innovation.</p>		
<p>Related Documents: IKP_ZKP and its Application</p>				
18:00-20:00	Networking	Sponsored by the Fintech Association of Japan		

Day 2 (March 3rd, Monday) Venue: Dragon Gate, Shibuya Parco DG Bldg., 15-1 Udagawa-cho, Shibuya-ku, Tokyo 150-0042, Japan		
Time	Room	Session and Topics
8:30-9:00		Registration
9:00-10:30	Workshop [Room A]	Cyber Security Information Sharing Framework
		WG: CS Status: 2. Document Mid-Review
		Description: The rapid growth of the crypto industry has been accompanied by a surge in sophisticated cyberattacks, including DeFi exploits and NFT theft. These incidents highlight the urgent need for a robust, international information-sharing framework tailored to the unique challenges of this decentralized and rapidly evolving landscape. By enabling early threat detection, proactive vulnerability mitigation, and coordinated incident response, such a framework can significantly enhance the security posture of the entire ecosystem. This discussion will explore key features and mechanisms for establishing this framework, drawing lessons from traditional finance and other sectors, and will encourage active participation from all stakeholders in shaping its development.
		Related Documents: CS_Cybersecurity Standards
9:00-10:30	Workshop [Room B]	Transition to Post-Quantum Cryptography / Crypto Agility
		WG: CS Status: 3. Item Creation for New Project
		Description: This session kicks off a series focused on standardizing post-quantum cryptography (PQC) implementation for blockchain-enabled applications that also utilize public key cryptography. We begin by recapping existing PQC discussions and advancements across various communities and industries, including NIST standardization efforts, industry consortia initiatives, and academic research. We'll then provide a concise introduction to the unique challenges and opportunities presented by PQC in the context of blockchain. The goal of this session is to gauge the level of interest in this topic and formally adopt them as work items.
		Related Documents: BGIN Cybersecurity Working Group Charter
10:30-11:00		Break
11:00-12:30	Workshop [Room A]	Cyber Security Information Sharing Framework
		WG: CS Status: 2. Document Mid-Review
		Description: The rapid growth of the crypto industry has been accompanied by a surge in sophisticated cyberattacks, including DeFi exploits and NFT theft. These incidents highlight the urgent need for a robust, international information-sharing framework tailored to the unique challenges of this decentralized and rapidly evolving landscape. By enabling early threat detection, proactive vulnerability mitigation, and coordinated incident response, such a framework can significantly enhance the security posture of the entire ecosystem. This discussion will explore key features and mechanisms for establishing this framework, drawing lessons from traditional finance and other sectors, and will encourage active participation from all stakeholders in shaping its development.
		Related Documents: CS_Cybersecurity Standards
11:00-12:30	Workshop [Room B]	Tokenization Initiatives' Technical Requirements
		WG: FACE Status: 3. Item Creation for New Project
		Description: Part 1 of this session will cover interoperability models such as Global Layer 1 and Project Agora, focusing on connecting applications, smart contracts, platforms, and wallets. The discussion will cover the need for advancements in bridging mechanisms, composability, and regulatory-compliant token standards. Part 2 will delve into models for enabling interoperability between Central Bank and Commercial Bank Digital Currencies, aiming to create a secure and integrated digital currency ecosystem.

		Related Documents: W BGIN Block#11 MR Tokenization Initiatives.docx
12:40-12:50	Keynote	By Mamoru Yanase, JFSA Deputy Director General
12:50-13:50	Lunch	Lunch will not be provided, but participants can go to the cafeteria nearby together.
13:50-14:30		Plenary: BGIN Governance
14:30-16:00	Workshop [Room A]	Stablecoin Challenges
		WG: FASE Status: 2. Document Mid-Review
		Description: In this session, we will first discuss BGIN's draft study report on the international comparison of stablecoin regulations. Following that, we will introduce and discuss the JFSA's research on illicit activities involving stablecoins and corresponding countermeasures. Additionally, we will present research on algorithmic stablecoins and engage in further discussions on the topic.
		Related Documents: W Stablecoin regulation comparison v1.docx E 【Day 1 14:30-16:00】Stablecoin Challenges
14:30-16:00	Workshop [Room B]	Blockchain Analysis and Forensic Analysis
		WG: IKP Status: 2. Document Mid-Review
		Description: This session will address the challenges and innovations in blockchain analysis, focusing on client education, evidence gathering, and proactive detection methodologies. Key topics include FATF compliance for VASPs, the role of blockchain analytics firms, and the impact of privacy technologies and off-chain transactions on analysis. Participants will explore the role of BGIN in enhancing education and discuss strategies to overcome these challenges, aiming to create a comprehensive document for the IKP WG.
		Related Documents: E IKP_Forensics or Analysis
16:00-16:30	Break	
16:30-18:00	Workshop [Room A]	Wallet Governance and Credential Management
		WG: IKP Status: 1. Document Approval
		Description: In this session, we will discuss (1) the approaches to authentication processes that support the reliability and functionality of credentials, (2) key management methods that prioritize privacy and security, and (3) governance models that harmonize diverse legal, technical, and operational frameworks across different jurisdictions and sectors in order to build a secure, highly interoperable, and universally accessible digital wallet ecosystem. We will discuss the "Wallet Governance and Policy Study Report." currently in development, and the "Accountable Wallet" as a method to prove one's legitimacy using verifiable credentials.
		Related Documents: E BGIN_WD_SR00**_Wallet Governance and Policy Study Report E IKP_Accountable Wallet
16:30-18:00	Workshop [Room B]	Financial Stability of Decentralized Finance
		WG: FASE Status: 2. Document Mid-Review
		Description: This research analyzes the systemic risks posed by leveraged staking mechanisms, such as Liquid Staking, Restaking, and Liquid Restaking, within Ethereum's decentralized financial system. Drawing on methods used in traditional finance for analyzing vulnerabilities and shocks to financial stability, the study introduces an analysis of vulnerabilities and shocks associated with leveraged staking. As a next step, it explores how to conduct quantitative analyses and assess spillover risks to the traditional financial system.
		Related Documents: E FACE_Financial Stability of Decentralized Finance E 【Day 2 16:30-18:00】Financial Stability of Decentralized Finance https://app.mural.co/t/blockchaingovernanceinitiati4922/m/blockchaingovernanceinitiati4922/1740170474267/c90f2625900d5b3f6dc21587719031639d26e4ae?sender=uualf2683c64ffbe3cf7a8341

18:00-18:30	Closing	
18:30-20:30	Dinner	