FIG and ISO TC 307 III plenary Report :

The third meeting of TC 307 was held - 14th to 18th May in London, UK

https://www.iso.org/committee/6266604.html

On 13-17 November, the Second plenary of ISO TC 307 on blockchains and distributed ledger technologies (DLTs) were held in Tokyo, Japan

The agenda and the presentations are avalable :

https://english.jipdec.or.jp/activities/research/20171113ibc.html

The first meeting of TC 307 was held in April in Sydney, Australia

The presentations of the first plenary are available :

http://www.standards.org.au/OurOrganisation/Events/Pages/International-Blockchain-Conference.aspx

Highlights

1. 35 participating countries 12 observing countries Joint technical committee (ISO/IEC) 1 & 9 Technical committees of ISO, 1PC to TC 307 Joint technical committee (ISO/IEC) 1 & 5 Technical committees of #ISO, 2 PC's from TC 307 5 Category A liaison (European commission, Swift, FIG, ITU, UNECE) participated

2. There was a total of ~ 160 delegates at this third meeting up from ~137 delegates at this second meeting of TC 307, up from ~89 at the first meeting and the evening social event organised by BSI was attended by 74 delegates

3. Geoff Goodell (UK) has been endorsed as acting Convenor for WG1 until a new Convenor is officially appointed for WG1. WG1 will also conduct a study on data flow and data taxonomy for blockchain and distributed ledger technologies, led by Xiaodan Tang (China). TC 307 accepted to add a Technical Report titled "Blockchain and distributed ledger technologies – Discovery issues related to interoperability" to its program of work. This work is assigned to WG1 and will be led by Eric Cohen (Canada).

4. SG2 (Study Group 2) on "Use Cases" showed only limited results, and it was agreed to extend it to the fourth meeting of TC 307 (in about six months). finalise the existing draft Technical Report (focusing on those use cases which best describe the advantages of using blockchain and DLT and help to develop standards) with the aim to be ready for a vote by committee ballot following meeting 04 in Moscow; Denmark opposed continuation of this group although it has appreciated the efforts in bringing the repository of use cases. Takeo Nishikata (Japan) will continue as Convenor of this group

5. Joint Working Group (JWG 1) between ISO/IEC JTC 1/SC 27 and TC 307 will be formed and the first meeting is JWG1 meeting will be held during meeting 04 (Moscow). The Convenor for this group will be Julien Bringer (subject to support from JTC 1/SC 27).

6. WG2 to undertake a study on Security Evaluation of Consensus Models starting in May 2018 and lasting until meeting 04 (Moscow), as per ToR N0297, led by Patrick Curry (UK), Siddharth Durbha (India) and Stéphane Caporali (France). The output will be a report to TC 307. A Technical Report titled "Blockchain and distributed ledger technologies — Security of Digital Asset Custodians" has been added to its program of work. This work is assigned to WG2 and will be led by Shin'ichiro Matsuo (Japan), with assistance from Aldo Lo Castro (UK).

7. A new WG3 on "Smart contracts and their applications" will be formed (subject to a ballot) taking over from the previous SG4 on "Smart contracts". Work will begin on an "Overview of and interactions between Smart Contracts in blockchain and distributed ledger technology systems", with a draft version ready for the third meeting of TC 307. NWIP ballot for a Technical Specification on "Legally binding smart contracts". This NWIP will specify Philippa Ryan (Australia) as the Project Leader. If successful, a new WG (WG3) will be formed called „Smart contracts and their applications" and Volker Skwarek (Germany) will be appointed as Convenor.

8. SG6 (Governance) extends its works to meeting 04 (Moscow). Roman Beck (Denmark) will continue as Convenor. This group will finalise a NWIP for a Technical Specification on "Blockchain and distributed ledger technologies - Guidel

9. SG7 extended its works until meeting 04 (Moscow). The new focus of SG7 will be interoperability issues related to cryptocurrencies' platform, utility and transaction tokens, and other cryptographically supported digital assets or proxies for physical and intangible assets. Eric Cohen (Canada) will continue as Convenor of this group.

10. resolves to form a liaison relationship to: ISO/IEC JTC 1/SC 7 Software and systems engineering. The liaison representative from TC 307 is Padma Ramesh (India) ISO/TC 215 Health informatics. The liaison representative from TC 307 is Ingrid Barth (Brazil) ISO/IEC JTC 1/SC 29 Coding of audio, picture, multimedia and hypermedia information. The liaison representative from TC 307 is Touradj Ebrahimi (Switzerland) ISO/IEC JTC 1/SC 42 Artificial intelligence. The liaison representative from TC 307 is Janna Lingenfelder (Germany) ISO/TC 154 Processes, data elements and documents in commerce, industry and administration. The liaison representative from TC 307 is TBC ISO/TC 211 Geographic information/Geomatics. The liaison representative from TC 307 is TBC ISO/IEC JTC 1/SC 37 Biometrics. The liaison representative from TC 307 is Arunpirasath Nadarasa (UK) ISO/TC 68/SC 2 Financial Services, security. The liaison representative from TC 307 is TBC. FIG proposed to be liaison representative of ISO TC 211 until further confirmation.

11. The fourth meeting of TC 307 will take place in Russia, Oct 22-25, 2018.