



**FIG and ISO TC 307 - IV plenary Report :**

The fourth meeting of TC 307 was held - 22nd to 25th October in Moscow, Russia

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

Hosted by: Russian Federal Agency on Technical Regulating and Metrology, Technical committee for standardization «Cryptography and security mechanisms» (TC 26)

Sponsored by: JSC Infotecs , Sberbank of Russia , PJSC VTB BANK

**Highlights:**

1. 39 participating countries 13 observing countries, 21 Liaison committees to and from TC 307, 7 Category A liaison (European commission, EEA Inc, IEEE, Swift, FIG, ITU, UNECE) participated
2. There was a total of ~ 120 delegates at this fourth meeting down from ~160 delegates at this third meeting, ~137 delegates at this second meeting of TC 307, up from ~89 at the first meeting and the social event organised by Russia was attended by over 200 delegates

3. FIG is participating in SBP Advisory group - TC 307 resolved to form a ‘Strategic business plan (SBP) Review Advisory Group’ reporting to Convenors coordination group. The Advisory group will review version 1 of the SBP and update as needed.
4. FIG is participating in the - TC 307 resolved to form ‘Liaison Review Ad-Hoc Group (AHG)’. The Liaison Review AHG will: Review existing liaison relationships; identify and approach potential liaison organizations; provide guidance to liaison representatives from TC 307. TC 307 Secretariat will convene this AHG.
5. FIG has acknowledged - “that blockchain is an important area that needs focus and emphasised for more standards expertise in blockchain/DLT to surveying. As this must include/focus in-relevance to surveyors, a diverse group of FIG representatives with thorough research will be decided by the incoming council to take forward”. More steps are expected to be taken during and after TUFE2018 (<https://tufe2018.com/>) incl FIG President hand-over event (hand the leadership of FIG over to the next FIG President, Prof Staiger, DVW, Germany, and celebration of FIG 140th anniversary (Athens)) and before Vietnam(FIG working week in Hanoi)
6. Geoffrey Goodell (UK) appointed to the role of Convenor for ISO/TC 307/WG1 (Foundations). Working group 1 will continue the projects on - Taxonomy and Ontology, Reference architecture, Terminology and concepts, Discovery issues related to interoperability with the appointed project leaders.
7. Julien Bringer (France) will continue as WG 2 Convenor (Security, privacy and identity), Joint Working Group (JWG 1) between ISO/IEC JTC 1/SC 27 and TC 307 held its first meeting on study on Security Evaluation of Consensus Models starting as per ToR N0297, led by Stéphane Caporali (France). A Technical Report titled "Blockchain and distributed ledger technologies — Security of Digital Asset Custodians" has been added to its program of work. WG2 was led by Shin‘ichiro Matsuo (Japan) . The following Technical reports were named - ‘Blockchain and distributed ledger technologies – Security Management of Digital Asset Custodians’. ‘Blockchain and distributed ledger technologies – Privacy and personally identifiable information protection considerations’, Blockchain and distributed ledger technologies – Security risks, threats and vulnerabilities’.in this Plenary. Maxim Shevchenko (Russia) as acting Co-Convenor of JWG4 (see ISO/IEC JTC 1/SC27 N19015). Working group 2 will continue the projects on - Overview of identity management using blockchain and distributed ledger technologies, Security risks and vulnerabilities, Overview of privacy and personally

identifiable information (PII) protection, Security of digital asset custodians with the appointed project leaders.

8. Caroline Thomas (UK) has been endorsed as Convenor for SG02 replacing Takeo Nishikata (Japan) Outgoing Convenor of this group. TC 307 resolves to extend SG2 until meeting 05 (Dublin, 2019). The Terms of Reference remains unchanged.
9. Volker Swarek (Germany) will continue as WG 3 Convenor (Smart contracts and their applications'). Working group 3 will continue the projects on - Overview of and interactions between smart contracts in blockchain and distributed ledger technology systems and Legally binding smart contracts with the appointed project leaders.
10. Roman Beck (Denmark) as Convenor of WG5 Governance. TC 307 resolved to disband SG6 Governance of blockchain and distributed ledger technology systems and transfer any remaining work to WG5.
11. Gilbert Verdian (UK) will be the Convenor of this group. Replacing, Eric Cohen (Canada) the outgoing convener. TC 307 resolves to extend SG 7 with revised terms of reference, review input received including from the call for contributions issued in association with this study group; produce a report and a presentation for meeting 05 (Dublin, 2019); provide one or more recommendations for (a) new deliverable(s) for Dublin related to interoperability frameworks; and relate the work on interoperability to other work within TC 307.
12. TC 307 resolves to nominate the following members to existing liaisons: Vadim Tsypyshev (Russia) nominated as liaison representative to ISO/IEC JTC 1/SC 41 , Internet of things and related technologies TC 307 resolves to form a liaison relationship to: ISO/IEC JTC 1/SC 31 Automatic identification and data capture techniques with Sylvain Cariou (France) as liaison representative, ISO/TC 46/SC 11 Archives/records management with Victoria Lemieux (Canada) as liaison representative, ISO TC 322 Sustainable finance with Eric Cohen (Canada) and Caroline Thomas (UK) as liaison representatives, ISO TC 323 Circular economy with Caroline Thomas (UK) as liaison representative
13. The fifth meeting of TC 307 will take place in Dublin, May 27-31, 2019.

## Moscow Side Event Details:



“Experts believe that in Russia, blockchain will primarily be the most in-demand in the state and banking sectors, where the main objective is achieving transparency and protecting against data changes.” This has been emphasised during the side event hosted by Russia -

[https://events.vedomosti.ru/events/block\\_eng](https://events.vedomosti.ru/events/block_eng)

## Previously held meetings details :

- The third meeting of TC 307 was held - 14th to 18th May, 2018 in London, UK  
The media link : <https://twitter.com/hashtag/tc307?lang=en>
- On 13-17 November 2017, 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 available  
<https://english.jipdec.or.jp/activities/research/20171113ibc.html>
- The first meeting of TC 307 was held in April 2017, in Sydney, Australia  
The presentations of the first plenary are available :

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