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| Title: ITU logo | INTERNATIONAL TELECOMMUNICATION UNION**TELECOMMUNICATION STANDARDIZATION SECTOR**STUDY PERIOD 2022-2024 | TSAG-TD129 |
| TSAG |
| **Original: English** |
| **Question(s):** | N/A | Geneva, 12-16 December 2022 |
| **TD(Ref.:** [SG13-LS40](http://handle.itu.int/11.1002/ls/sp17-sg13-oLS-00040.docx)**)** |
| **Source:** | ITU-T Study Group 13 |
| **Title:** | LS/i on new Focus Group on Metaverse/immersive virtual universe (reply to SG16-LS9) [from ITU-T SG13] |
| **LIAISON STATEMENT** |
| **For action to:** | - |
| **For information to:** | ITU-T SG5, SG16, SG17, TSAG |
| **Approval:** | ITU-T Study Group 13 meeting (Geneva, 14 November 2022) |
| **Deadline:** | N/A |
| **Contact:** | Kazunori TanikawaNICTJapan | E-mail: kaz.tanikawa@nict.go.jp |

This liaison statement answers [SG16-LS9](https://www.itu.int/ifa/t/2022/ls/sg16/sp17-sg16-oLS-00009.zip).

A new liaison statement has been received from SG13.

This liaison statement follows and the original file can be downloaded from the ITU ftp server at <http://handle.itu.int/11.1002/ls/sp17-sg13-oLS-00040.docx>.

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|  | INTERNATIONAL TELECOMMUNICATION UNION**TELECOMMUNICATIONSTANDARDIZATION SECTOR**STUDY PERIOD 2022-2024 | SG13-LS40 |
| **STUDY GROUP 13** |
| **Original: English** |
| **Question(s):** | All/13 | Geneva, 14 November 2022 |
| **Ref.: SG13-TD66-R1/PLEN** |
| **Source:** | ITU-T Study Group 13 |
| **Title:** | LS/r on new Focus Group on Metaverse/immersive virtual universe (reply to SG16-LS9) |
| **LIAISON STATEMENT** |
| **For action to:** | - |
| **For information to:** | TSAG, ITU-T Study Groups 5, 16 and 17 |
| **Approval:** | **ITU-T Study Group 13 meeting (Geneva, 14 November 2022)** |
| **Deadline:** | N/A |
| **Contact:** | Kazunori TanikawaNICTJapan | E-mail: kaz.tanikawa@nict.go.jp |

*Absract:* This is the reply LS to ITU-T SG16 ([SG16-LS9](https://www.itu.int/ifa/t/2022/ls/sg16/sp17-sg16-oLS-00009.zip)) pointing out the correlation of the new FG topics under study with some ongoing and future work in SG13.

SG13 has well received the information from the SG16 about its intend to establish a new Focus Group on the "Metaverse/immersive virtual universe” to prepare the standardization work on metaverse (your [SG16-LS9](https://www.itu.int/ifa/t/2022/ls/sg16/sp17-sg16-oLS-00009.zip), our [TD87GEN](https://www.itu.int/md/T22-SG13-221114-TD-GEN-0087/en)).

SG13 welcomes the creation of such a group in ITU-T and would like to offer the following considerations from the point of view of its technical expertise.

In July 2022 SG13 started to explore the technical area of the enhanced web (web 3.0) and it sees the metaverse as one of the emerging applications relevant to web3. SG13 would be happy to receive from the FG the inputs with new use cases, requirements, or considerations for our work towards emerging technologies like Web3.0.

In addition, the work performed by SG13 in cloud computing and edge computing infrastructure area is also relevant to the future research initiatives of the new FG, including the infrastructure for blockchain (Y.3530) and machine learning (Y.3531).

Lastly, SG13 would like to inform that Digital Twin is already one of SG13 study topics, and requirements of network aspects were already issued (Y.3090).

SG13 recommends that TSAG should be the parent because of giving the well visibility of new FG activity, which is effective for more participation from several SGs.

In addition, SG13 would expect to update ToR for treating cloud infrastructure.

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