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|  | Moving Picture, Audio and Data Coding by Artificial Intelligencewww.mpai.community |

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| **Public Document** |
| **N667** | 2022/05/18 |
| **Source** | General Assembly #20 (MPAI-20) |
| **Title** | MPAI Timeline |
| **Target** | MPAI-20 |

|  |  |
| --- | --- |
| NB1 | Dates in italic indicate estimated dates mm/dd where mm/dd=2020, mm/dd=2021, mm/dd=2022 and mm/dd=2023 |
| NB2 | ... in a date indicate that only the month is estimated |

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| V | Std | IntCo | UseC | FunRq | ComRq | CfT | StdDv | TchS | RfSw | ConfT | PerfA |
| 1 | AIF |  |  | 10/21 | 11/18 | 12/16 | 02/17 | 11/24 | 06/22 | 08/24 | --/-- |
| 2 | AIF |  |  | 02/23 | 06/22 | 07/19 | 09/21 | 10/19 | 12/14 | 02/15 | --/-- |
| 1 | CAE |  |  | 10/21 | 12/16 | 02/17 | 04/14 | 12/22 | 10/19 | 06/22 | 08/24 |
| 2 | CAE |  |  | 06/22 | 06/22 | 07/19 | 10/12 | 12/14 | ??/?? | 04/12 | --/-- |
| 1 | CUI |  |  | 11/18 | 02/17 | 03/17 | 05/12 | 09/30 | 09/30 | 09/30 | 09/30 |
| 1 | MMC |  |  | 10/21 | 12/16 | 02/17 | 04/14 | 09/30 | ??/?? | 09/21 | 11/16 |
| 2 | MMC |  |  | 02/23 | 06/22 | 07/19 | 10/19 | 02/15 | ??/?? | 10/19 | 11/16 |
|  | SPG |  |  | 10/21 |  |  |  |  |  |  |  |
|  | CAV |  | 06/09 | 07/19 |  |  |  |  |  |  |  |
|  | MCS |  | 07/19 | 08/25 |  |  |  |  |  |  |  |
|  | EVC |  |  | 10/21 |  |  |  |  |  |  |  |
|  | GSA |  |  | 10/21 |  |  |  |  |  |  |  |
|  | OSD |  |  | 05/12 |  |  |  |  |  |  |  |
|  | EEV | 09/30 | 03/23 |  |  |  |  |  |  |  |  |
|  | ARA | 01/26 | 03/23 |  |  |  |  |  |  |  |  |
|  | NNW |  | 03/23 |  |  |  |  |  |  |  |  |

General Assemblies

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **19** | **20** | **21** | **22** | **23** | **24** | **25** | **26** | **27** | **28** | **29** | **30** | **31** | **32** | **33** | **34** | **35** | **36** | **37** |
| **y** | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 22 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |
| **m** | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 |
| **d** | 20 | 18 | 22 | 19 | 24 | 21 | 19 | 16 | 14 | 18 | 15 | 15 | 12 | 10 | 14 | 19 | 16 | 14 | 11 |
| **#** | **0** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** |
| **y** | 20 | 20 | 20 | 20 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 22 | 22 | 22 |
| **m** | 09 | 10 | 11 | 12 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 02 | 03 | 03 |
| **d** | 30 | 21 | 18 | 16 | 21 | 17 | 17 | 14 | 12 | 09 | 19 | 25 | 30 | 27 | 24 | 22 | 26 | 23 | 23 |

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| **Acronym** | **Title** |
| MPAI-AIF | AI Framework |
| MPAI-CAE  | Context-based Audio Enhancement |
| MPAI-MMC | Multi-Modal Conversation |
| MPAI-ARA | Avatar Representation and Animation |
| MPAI-CAV | Connected Automotive Vehicles |
| MPAI-EVC | AI-Enhanced Video Coding |
| MPAI-EEV | AI-based End-to-End Video Coding |
| MPAI-GSA | Integrative AI-based Analysis of Genomic/ Sensor Experiments |
| MPAI-NNW | Neural Network Watermarking |
| MPAI-OSD | Visual Object and Scene Description |
| MPAI-SPG | Server-based Predictive Multiplayer Gaming |

General Assemblies

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **0** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** |
| **d** | 30 | 21 | 18 | 16 | 21 | 17 | 17 | 14 | 12 | 09 | 19 | 25 | 30 | 27 | 24 | 22 | 26 | 23 | 23 |
| **m** | 09 | 10 | 11 | 12 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 | 11 | 12 | 02 | 03 | 03 |
| **y** | 20 | 20 | 20 | 20 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 22 | 22 | 22 |