



Standardisation efforts of ISO/TC 261 “Additive Manufacturing” 19th Plenary Meeting of ISO/TC 261 “Additive Manufacturing”

Eujin Pei¹ · Christian Seidel²

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Abstract

The main objective of ISO/TC 261 is to standardise the processes of Additive Manufacturing, the process chains (Data, Materials, Processes, Hard- and Software, Applications), test procedures, quality parameters, supply agreements, environment, health and safety, fundamentals and vocabularies. This section provides readers with news regarding standardisation efforts of ISO/TC 261. Further up-to-date information regarding recently published documents, such as new standards, revised standards, the status of standards can be found in the ISO/TC261 webpages: <https://www.iso.org/committee/629086.html> and the committee webpages: <https://committee.iso.org/sites/tc261/home/news.html>.

Keywords Standardisation · Standards · Additive manufacturing

1 Change of convenorship

- Acknowledging that the Chair’s Advisory Group (CAG) will have a greater focus on identifying topics of high market relevance for standardisation in the AM-industry and to facilitate the development of these topics, ISO/TC 261 has appointed Mr Fabio Sant’Ana of ABNT (Brazil) as Convenor for ISO/TC 261/CAG, as well as Dr Chaw Sing Ho of SSC (Singapore) as Co-Convenor for ISO/TC

261/CAG, both for the term of 3 years, and starting from 2022-04-01.

2 Updates to projects

- ISO 17296-2 (Additive manufacturing—General principles—Part 2: Overview of process categories and feedstock) shall be integrated into ISO/ASTM 52900 at the next revision.
- Registration of a Preliminary Work Item (PWI) for the revision of ISO/ASTM 52900:2021 (Additive manufacturing—General principles—Fundamentals and vocabulary) with no change in scope.
- Registration of a new ISO/ASTM Preliminary Work Item (PWI) (Additive manufacturing for metals—Non-destructive testing and evaluation—Imperfections classification in PBF-LB/M parts)
- Cancellation of ISO/ASTM AWI 52937 (Additive Manufacturing of metals—Qualification principles—Qualification of designers) due to further assessment of the stakeholder needs on the given topic; and will be registered as a new Preliminary Work Item (PWI) ISO/ASTM PWI 52937 “Additive Manufacturing of metals—Qualification principles—Qualification of designers”.

International Organisation for Standardisation [1] 19th Plenary Meeting of ISO/TC 261 “Additive Manufacturing” held on 30 March 2022, hybrid meeting at the Colorado School of Mines in Denver, USA.

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✉ Eujin Pei
eujinpei1@gmail.com

¹ Brunel University London, London, UK

² University of Applied Science, Munich, Germany

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Declarations

Conflict of interest The authors declare that they have no conflict of interest.

Ethical approval Not applicable.

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