

Guidelines for Abstract Evaluation

The master copies of all submitted abstracts are provided on coloured PDF. We have received:

Topic	Number of Submissions		Sessions
	Oral	Poster	
Materials – Hard Metals & Cermets	15	3	Objective – 3 Sessions
Materials – Ultrahard Materials	3	0	Objective – 1 Session
Materials – Ferrous Materials	16	1	Objective – 3 Sessions
Materials – High Temperature Materials	11	1	Objective – 2 Sessions
Materials – Non Ferrous Materials	6	2	Objective – 1 Session
Materials – Light Materials	8	1	Objective – 1 or 2 Sessions
Materials – Functional Materials	10	0	Objective – 2 Sessions
Materials - Other PM Materials	9	0	Objective – 2 Sessions
Consolidation Technologies – AM Beam Based Technologies	25	0	Objective – 5 or 6 Sessions
Consolidation Technologies – AM Sinter Based Technologies	21	2	Objective – 5 Sessions
Consolidation Technologies – Metal Injection Moulding	4	0	Objective – 1 Session
Consolidation Technologies – Field Assisted Sintering Technologies	11	4	Objective – 2 Sessions
Consolidation Technologies – Hot Isostatic Pressing	7	0	Objective – 1 or 2 Sessions
Consolidation Technologies – Other Consolidation Technologies	6	0	Objective – 1 Session
Applications – Automotive	3	0	Objective – 1 Session
Applications – Aerospace	3	0	Objective – 1 Session
Applications – Biomedical	5	1	Objective – 1 Session
Applications – Energy	10	0	Objective – 2 Session
Applications – Tooling	5	1	Objective – 1 Session
Tools for Improving PM – Test & Evaluation	5	0	Objective – 1 Session
Tools for Improving PM – Secondary Operations	5	0	Objective – 1 Session
Tools for Improving PM – Digitization	2	0	Objective – 0 or 1 Session
Tools for Improving PM – Sustainability & Life Cycle Analyse	2	0	Objective – 0 or 1 Session

Tools for Improving PM – Other Tools for Improving PM	2	0	Objective – 0 or 1 Session
Tools for Improving PM – Design & modelling	8	2	Objective – 2 Sessions
Powder – Powder Production	14	2	Objective – 3 Sessions
Powder – Powder Characterisation and Properties	14	3	Objective – 3 Sessions
Powder – Other	2	0	Objective – 0 session

1. Paper Acceptance

When deciding whether to accept a paper either as an oral or a poster presentation, please consider:

- i. If the paper relates to Powder Metallurgy and fits within the sector/topic range – if it is totally outside the scope of the programme, it should be rejected
- ii. The originality and novelty of the subject
- iii. Critical study of a process or a product in the course of development
- iv. Study of the effects of fundamental scientific results on R&D
- v. Description of industrial achievements
- vi. Technical/economic analysis of processes
- vii. Comparisons with competitive processes or products
- viii. The possibility of a no-show
- ix. Commercialism is not permitted in manuscripts or presentations
- x. For oral presentations – the availability of space in the programme and likely proficiency of the speaker
- xi. For poster presentations – the likely quality of manuscript and onsite poster. If there is a strong possibility that the author may not attend the event, or that the paper may be of very poor quality, please consider refusing it at this stage.

2. EPMA Keynote Paper Award

The EPMA Keynote Paper Award will be done in 2 steps this year:

- TPC members will choose up to 15 papers to be in the KNP first selection.
- In May, the 2 TPC chairs will select the KNP winners (up to 6) based on their manuscripts and their reviewer comments.

To choose the first KNP selection, please take in to account the above, and these additional considerations:

- i. The interest to the PM community
- ii. Technical and scientific merit
- iii. Practical implications and industrial significance

There will be a maximum of 6 Keynote papers this year and only one per subcategory.

Keynote Papers and details of the Keynote Paper Reviewer should be given directly to the Congress Manager.

3. "Paperwork" – MURAL Application

Abstracts management inside Teams will be done with MURAL application. Instruction and guidelines to use the MURAL software will be sent one week before the TPC meeting with the abstract books.

Please note that EPMA staff will be present to assist you during the TPC meeting.

4. Allocating Abstracts to Reviewers

Members of the TPC must each choose or be allocated 4-6 abstracts to review the manuscripts of, based on their areas of interest. The aim is to ensure a consistent quality and standard of reviewing. A list of all members of the Technical Programme Committee, including which topics they specialise in (read in conjunction with the Topic List) will be sent one week before the meeting.

Please note:

- All abstracts must be allocated (either in a session, or poster or withdraw area)
- The TPC reviewer allocated to the abstract should not be from the same company, or associated to, any author of the paper
- The country of the author should preferably not be the same as that of the reviewer
- The abstracts chosen do not have to be in the same session
- TPC members can choose to chair a session(s) additionally, which the papers they review may or may not be part of.

5. Session Chairs

It would be appreciated if proposals for Session Chairs could also be included on the Session box. Chairs will be asked to read through the manuscripts of all papers in their session in advance of the technical session to enable appropriate questioning during the technical session, they must also be available to attend the Euro PM2024 Congress & Exhibition and attend the technical session in question.

Again, the list of all members of the Technical Programme Committee, including which topics they specialise in, will be sent one week before the meeting. If you have additional contacts who might like to chair a session, please nominate them with their contact details.

6. After the attribution

Once all the abstracts have been sorted, assigned to a session or rejected and, session titles, reviewers and chairs have been indicated, please ask to a EPMA staff to finalise the TPC group with you. We will register your MURAL group.

7. Additional notes

- i. Oral presentations will last 20 minutes, including discussion time
- ii. Keynote papers will last 30 minutes, including discussion time
- iii. Only abstracts submitted as oral papers by the author can be considered for Keynote status
- iv. Acceptance of papers will be confirmed to authors by Thursday 22 February 2024
- v. Keynote paper authors will have two weeks to accept their selection and the associated commitment in writing to the Congress Manager
- vi. All papers will be refereed by members of the Technical Programme Committee
- vii. All accepted Papers will be published in the Euro PM2024 Congress & Exhibition Proceedings.
- viii. All accepted Papers will be registered with a DOI number.
- ix. Each technical sessions consists of 4 oral presentations (3 orals presentations can be accepted)