The TMS World Congress on Artificial Intelligence in Materials and Manufacturing (AIM 2022) is the first event of its kind to focus on the role of artificial intelligence (AI) in materials science and engineering and related manufacturing processes. AIM 2022 will convene stakeholders from academia, industry, and government to address key issues and identify future pathways.

Abstracts are requests on AI topics related to materials science and engineering and manufacturing processes, including:

- Intelligent/robotic manufacturing
- Artificial intelligence in specific manufacturing processes (e.g., forming, casting, additive manufacturing...)
- Machine learning/deep learning in materials and manufacturing
- Computer vision for materials and manufacturing R&D
- Autonomous materials research
- AI-assisted development of new materials/alloys
- Human-AI collaboration for materials and manufacturing problems
- Organizational impacts of artificial intelligence in materials and manufacturing

Share your work with the materials community.

Learn details and submit an abstract at www.tms.org/AIM2022