



We are delighted to invite you to an insightful webinar organized by Swiss Engineering – specialist group Additive Manufacturing, in collaboration with the Swiss Engineering – specialist group Artificial Intelligence.

Join us on **March 4th, 2025**, during **Engineer's Day**, for a focused **online session** where we *explore the synergy between Additive Manufacturing and Artificial Intelligence in Swiss Industry and Academia!*

This session will showcase cutting-edge applications of AI in the AM sector, highlighting the transformative potential of AI-driven technologies in enhancing design, quality assurance, and manufacturing processes. Renowned experts will share their practical insights on topics such as generative design workflows, AI/ML-based quality control, the application of AI in direct metal deposition, and much more.

With a diverse lineup of expert presentations, this event promises to offer a comprehensive perspective on how AI is revolutionizing the future of Additive Manufacturing. We look forward to your participation in this engaging event!

Date / time: **March 4th 2024** / 12:30 to 13:45 o'clock

Program:

BOOSTING ADDITIVE MANUFACTURING (AM) WITH ARTIFICIAL INTELLIGENCE (AI)		
12:30 – 12:35	Daniel Bienenstein , Member of the Board specialist group AM Stefania Bernasconi , Member of the Board specialist group AI	Welcome and introducing words
12:35 – 12:55	Dr. Manuel Biedermann Research Associate and Post-Doc at <i>ETH Zurich / inspire AG</i>	Lecture 1: Generative design workflows: A key enabler for future engineering
12:55 – 13:15	Dr. Sergey Shevchik Senior Scientist at <i>Empa Thun</i>	Lecture 2: AI/ML quality assurance in smart additive manufacturing: state of the art and future perspectives
13:15 – 13:35	Dr. Daniel Knüttel Lead intelligent production-systems at <i>inspire AG</i> & Member of the Board at <i>Swiss Engineering specialist group AI</i>	Lecture 3: AI in Direct Metal Deposition
13:35 – 13:45	Daniel Bienenstein, Stefania Bernasconi & speakers	Open Q&A session and conclusion of the online event

Sign-up :

Please sign up for participation until **28.02.2025** via www.swissengineering.ch or via Mail am@myswissengineering.ch. There are limited places available (subject to availability).

Costs:

Contribution expenses: Members Swiss Engineering (AI & AM) / Non-members free of charge

Contact:

Organizer: Specialist group Additive Manufacturing
Specialist group Artificial Intelligence

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