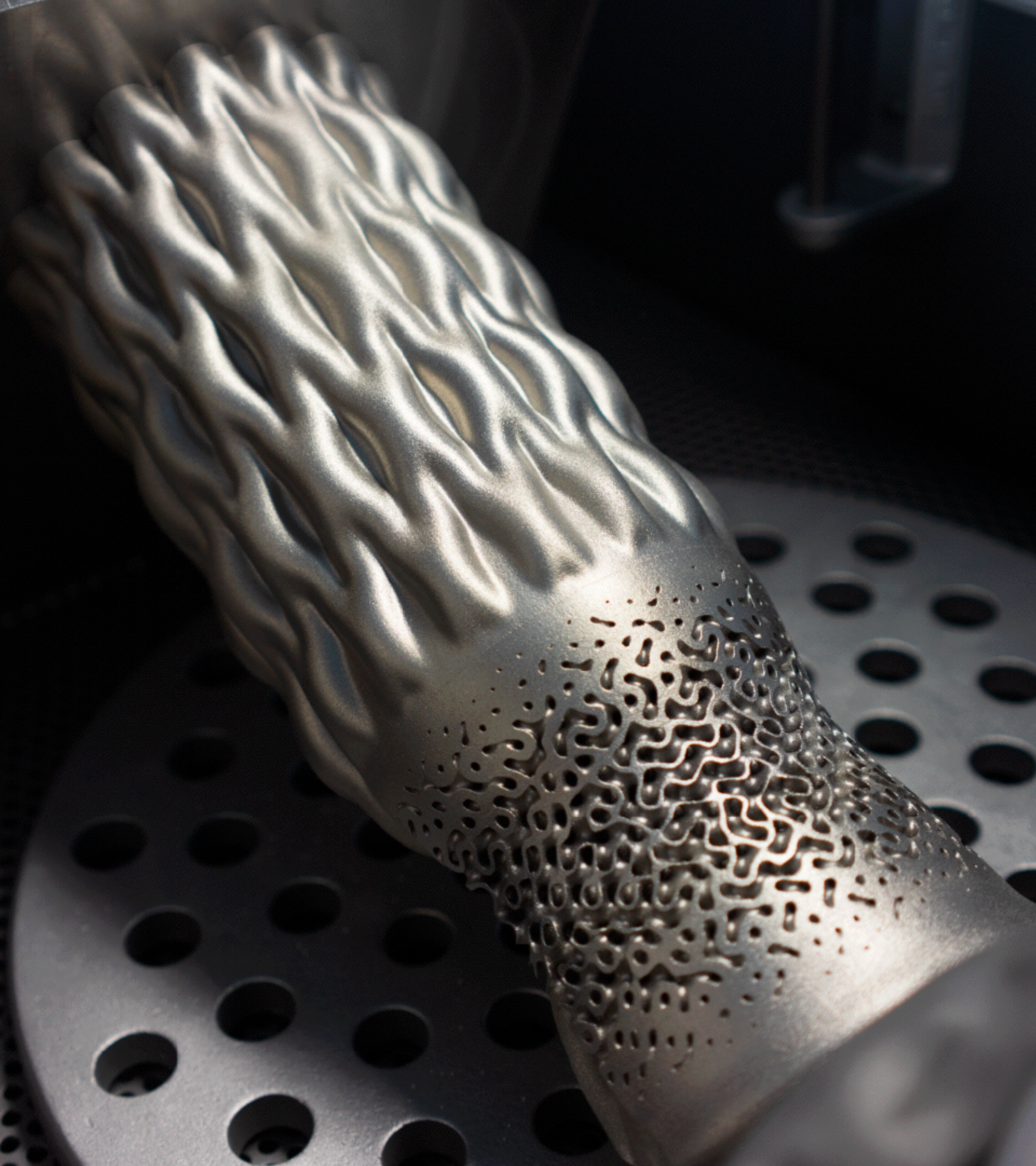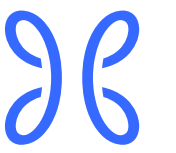# hyperganic

Hyperganic is creating
the standard **software** platform
for **digital engineering**
and **manufacturing**.

**Hyperganic's software platform designs objects through Artifical Intelligence and produces them on industrial 3D printers.**

Human-made objects should be as complex, functional, elegant and sustainable as Nature.

Hyperganic creates physical parts, structures and entire machines through computer algorithms using a process of digital evolution.

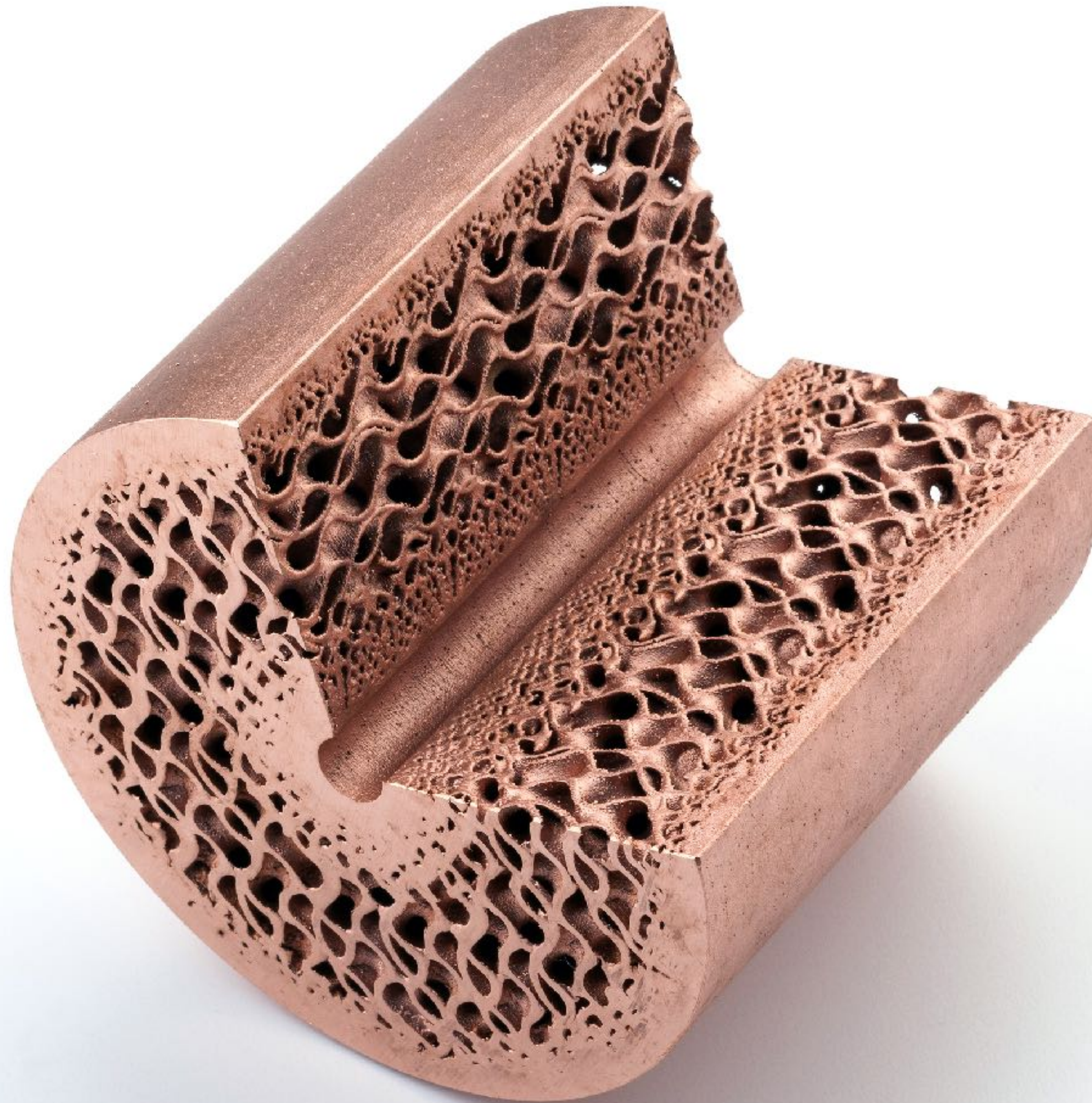Hyperganic enables the serial production of these objects on industrial 3D printers.
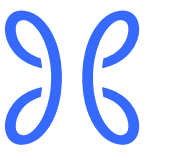
AI-designed and 3D printed rocket engine demonstrator.
Printed on an EOS M290 by AM Ventures.
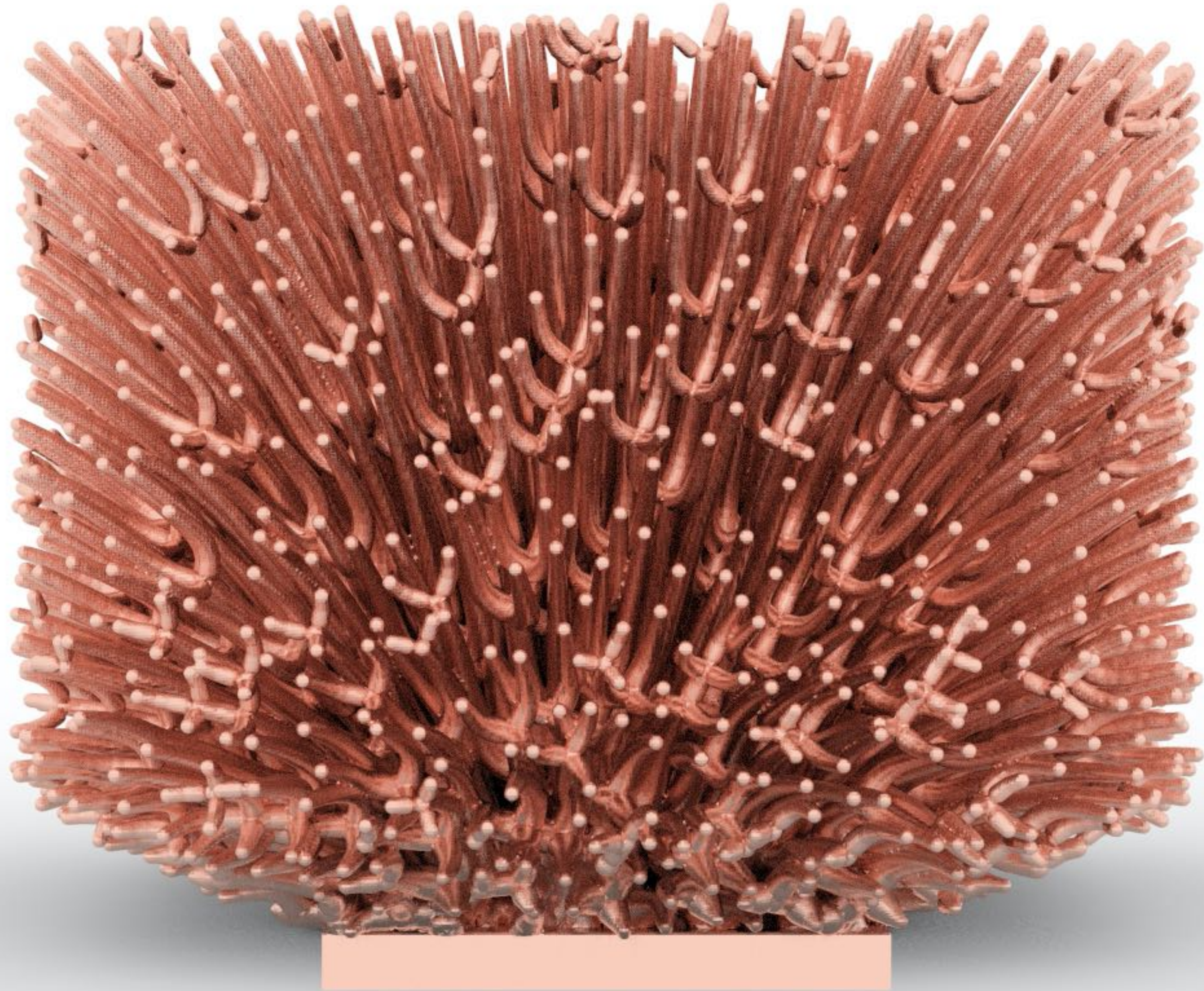
3D printed heat sink with
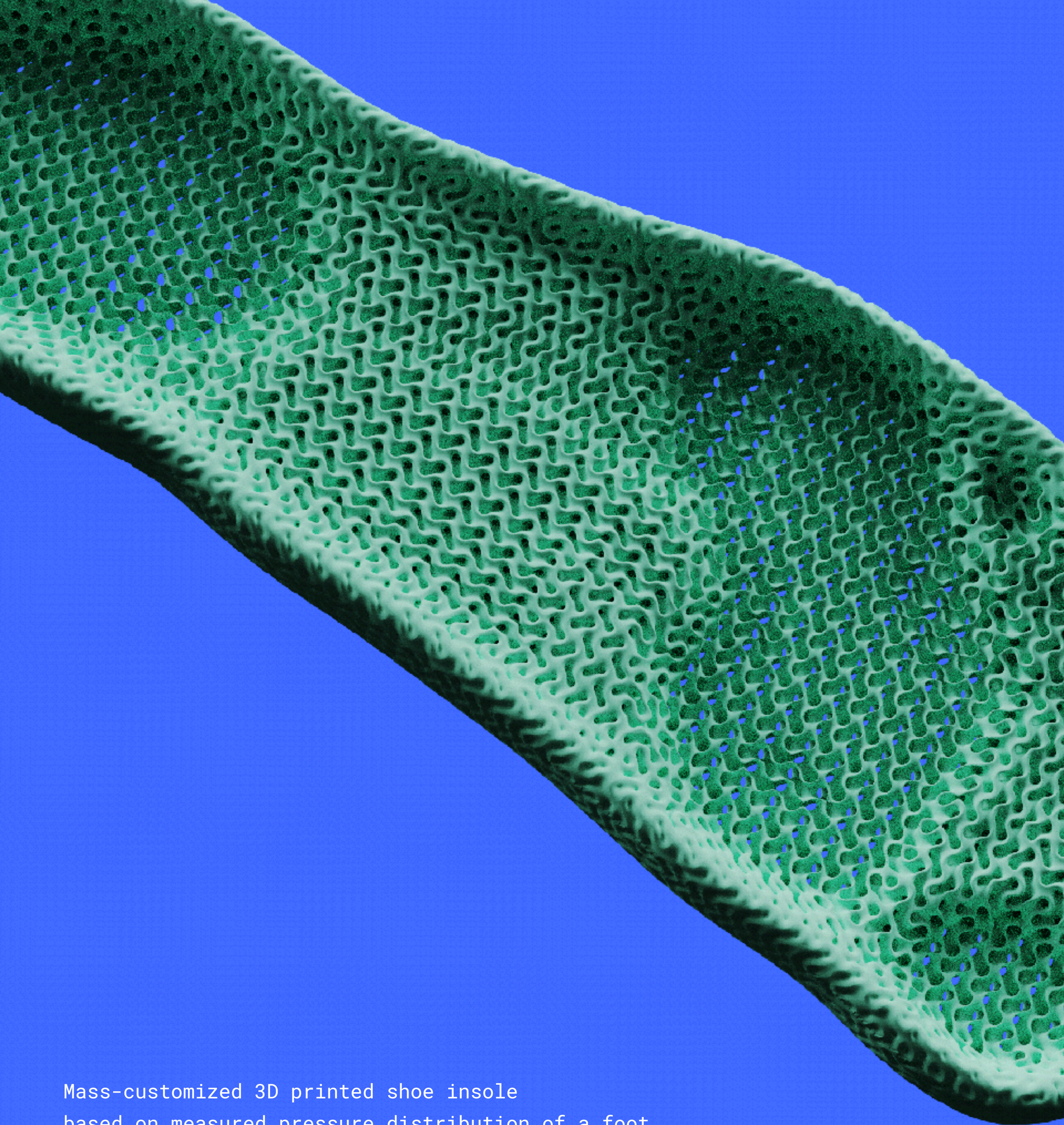extremely large surface area
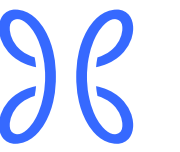
Copper heat exchanger
demonstrator printed by Heraeus

Deep-tech **software platform** for design and engineering of objects through AI and algorithms.

**Objective: To become the global standard engineering platform for digital fabrication.**

Mass-customized 3D printed shoe insole
based on measured pressure distribution of a foot

In traditional manufacturing, simplicity is the key to cost-effective parts.

**In industrial 3D printing, however, primarily the material use determines the cost.**

**Complexity is irrelevant.**

With traditional design tools, a human engineer creates an object visually on a computer screen. Time constraints and lack of tools make it hard to create an optimal product.

**In AI-driven design, a human defines the high-level problem, and the computer comes up with a solution, using a process of digital evolution.**

# hyperganic

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