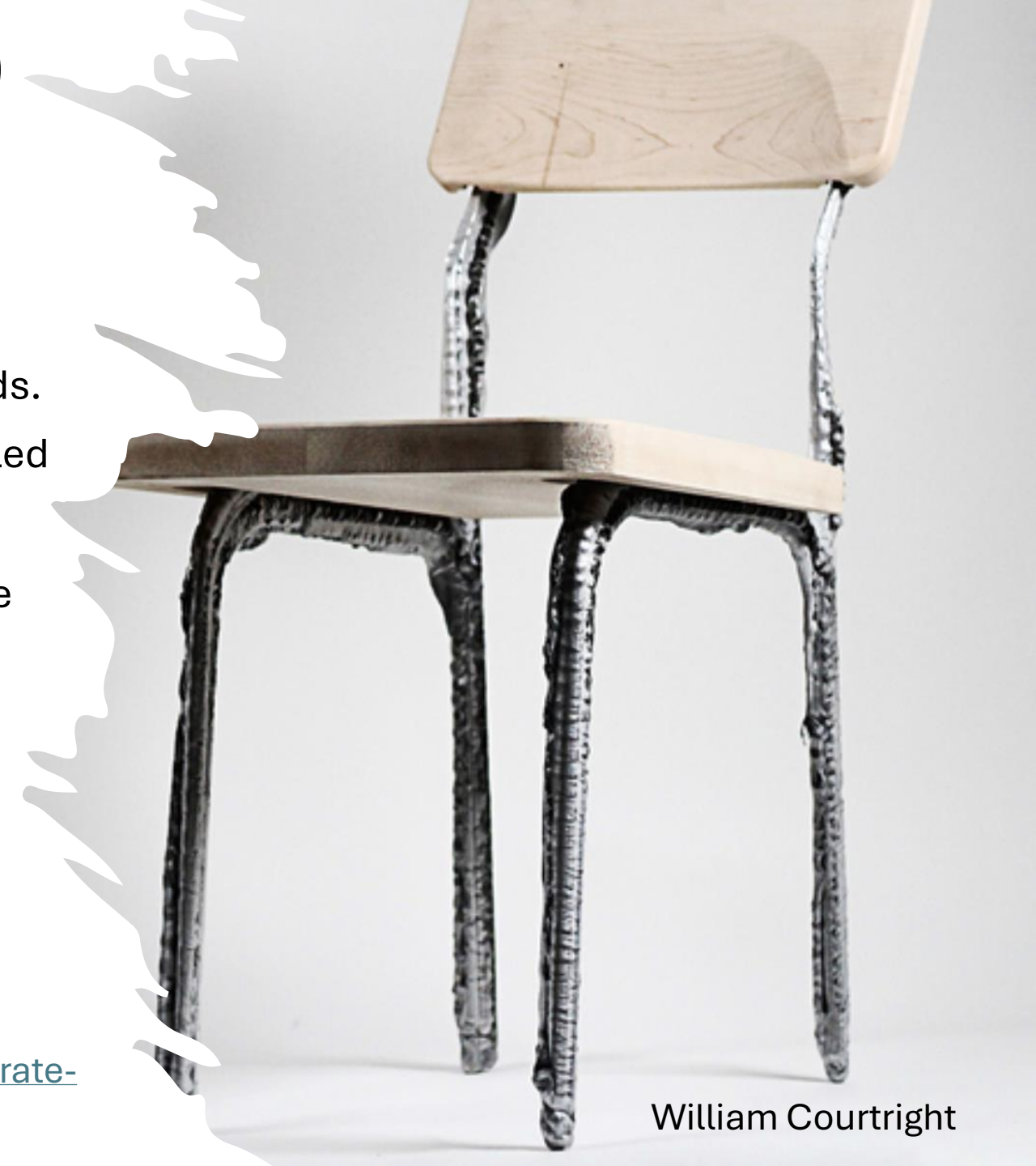


Liquid Metal Printing (LMP)

- LMP involves depositing molten aluminum along a predefined path into a bed of tiny glass beads.
- LMP is at least 10 times faster than a comparable metal additive manufacturing process, and the procedure is more efficient than some other methods.
- One common method for printing with metals is called wire arc additive manufacturing (WAAM), is able to produce large, low-resolution structures, but these can be susceptible to cracking and warping because some portions must be remelted during the printing process.
- LMP, on the other hand, keeps the material molten throughout the process, avoiding some of the structural issues caused by remelting
- <https://youtu.be/H93W-CiOT4A>



Reference: <https://news.mit.edu/2024/researchers-demonstrate-rapid-3d-printing-liquid-metal-0125>

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