

Master Thesis

or

Semester Project

Interested in designing new, light-weight gold composites and alloys, to pursue the establishment of a circular economy of gold?



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What you see in this picture is an 18 K ring. While traditional gold alloys typically have densities that are larger than 10 g/cm^3 , the one of our material is less than 4 g/cm^3 . Moreover, it can be easily recycled!

Want to know more?

Write an e-mail to mattia.usuelli@hest.ethz.ch