## The Future of Pottery!? Instantly Firing Ceramics with Lasers

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Making ceramics like teacups traditionally requires firing them at temperatures over 1000° C for extended periods. But wouldn't you prefer a method that's much faster and easier?

In this course, we'll challenge to develop technology that literally "instantly" fires ceramics using a laser beam. You'll also discover that ceramics aren't just for pottery; they're actually crucial in cutting-edge research supporting nextgeneration energy solutions like decarbonization, hydrogen production, and all-solid-state batteries, as well as in high-value applications such as electronic circuit components.

Most sessions are scheduled to take place at the at DMSE Education and Research Building in Aobayama campus. The schedule, including the first session, will be decided in consultation with the enrolled students after their selection.

Group website: https://ceram.material.tohoku.ac.jp

