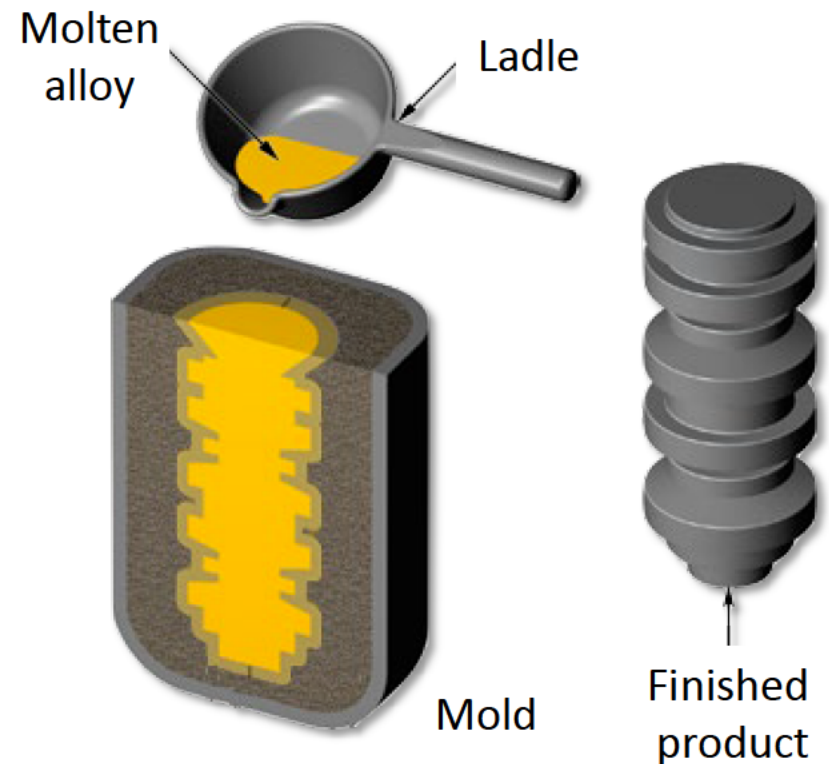


LET'S CAST LOW MELTING ALLOYS!

In this class, we will learn about 1) low melting alloys, 2) interpretation of phase diagram, 3) casting process of low melting alloys, 4) polishing of metallic products, and 5) surface quality evaluation of casting products through lecture and laboratory scale experiments!

Create your own mold and produce your original casting product! Using molten Sn-Bi-Pb alloy of various compositions, we will also investigate the relationship between the quality of the casting product and its position in the equilibrium phase diagram.



Intensive classes will be held on Sept. 5-9 from 13:00 at Room 301 of Material Science and Engg Building
Instructors: ○ Dr. Huafang YU, Dr. Jonah GAMUTAN, Assoc. Professor Takahiro MIKI
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