

Just Like Chocolate Chip Cookies !?

Making Materials for Hydrogen Society

Depart of Materials Science and Engineering

Instructors: Prof. Hitoshi Takamura

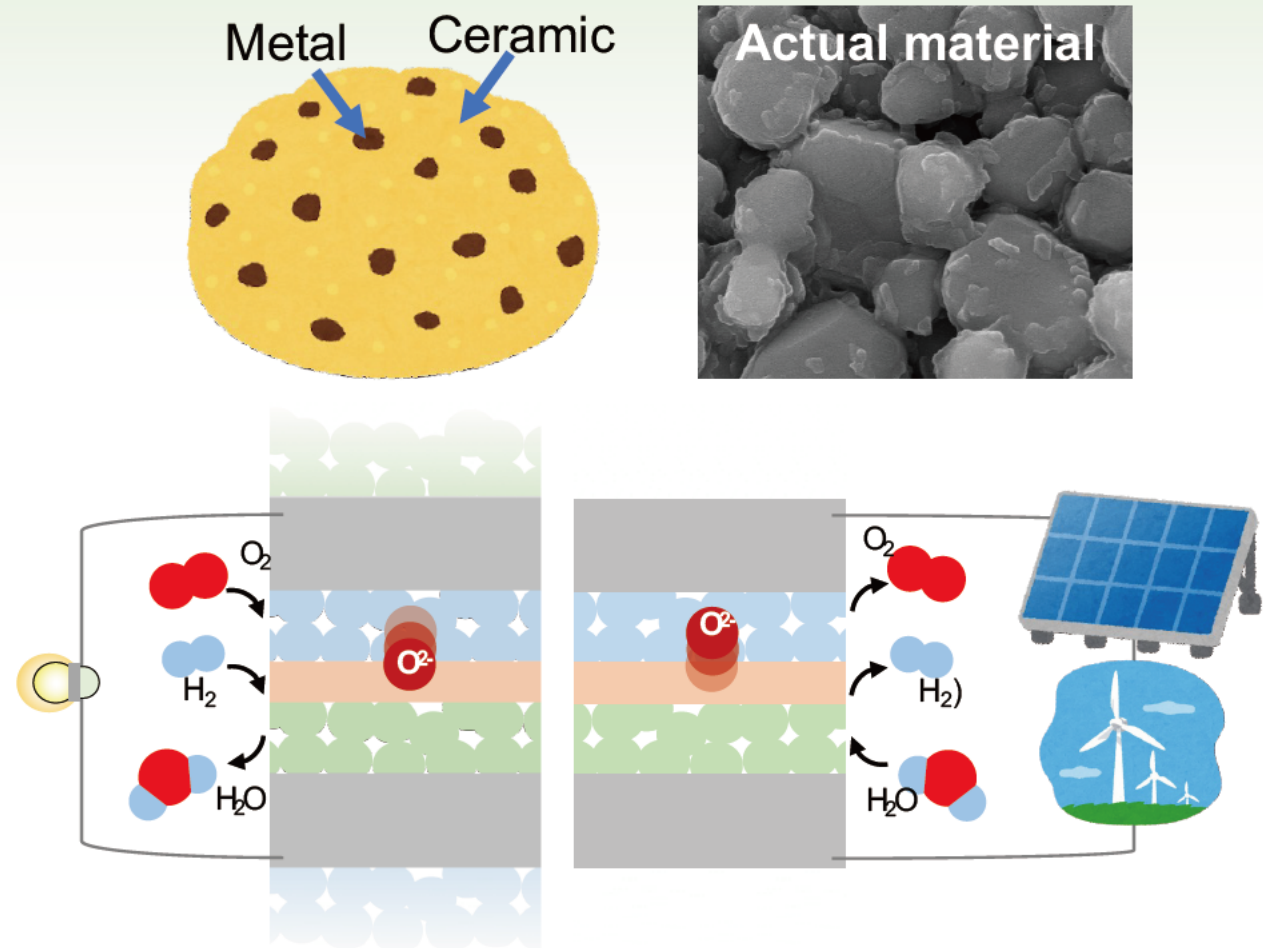
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Porous metal-ceramic composite materials, like crispy chocolate chip cookies, are used for hydrogen production by electrolysis of water vapor and for power generation using hydrogen as fuel. Their performance depends greatly on the size of the chocolate, how well it is mixed, how well it dissolves into the dough, how crispy the dough is, and so on.

In this training course, we will actually make such materials and investigate the relationship between the state of the material and its performance.

Starting at 16:20 from October 2nd
at DMSE Education and Research Building
in Aobayama campus



Group website: <http://ceram.material.tohoku.ac.jp>