

# Office for the Next Generation



<http://ong.iis.u-tokyo.ac.jp>

## What's "Office for the Next Generation" ?

The **Office for the Next Generation (ONG)** has been set up at the IIS in order to introduce the latest technology in university into elementary and secondary education by cooperating with industries.

The purpose of ONG is to make new models of the education and outreach, which raises next-generation researchers and engineers, by cooperating with the industries.

### Roles of the ONG



### Workshop by Cooperating with Industries

We organized some workshops by cooperating with the industries.

#### Railroad workshop:

Cooperate with Tokyo Metro , since 2013.

Morning:

Tour at overall training practice center of Tokyo Metro.

Afternoon:

Lecture at Institute of Industrial Science, The University of Tokyo.



#### Airplane workshop:

Cooperate with Japan Airlines (JAL), since 2016.

The 1st day:

Tour at Aircraft maintenance shop of JAL in Haneda.

The 2nd day:

Lecture at Institute of Industrial Science, The University of Tokyo.



### Development of New Teaching Materials based on ONG lecture

#### ◆ Image teaching materials

- DVD of ONG lecture movie
- We uploaded this lecture movie to Web.



年 度	学 科	共 催 単 位
2017年度	工学部「自分の頭で考えよう」実践ゼミナール	東京大学工学部(工学系) 機械系(ATC)
2016年度	理学部「自分の頭で考えよう」実践ゼミナール	日本放送協会(JBC)
2015年度	理学部「自分の頭で考えよう」実践ゼミナール	東京大学工学部(工学系) 機械系(ATC)
2014年度	工学部「自分の頭で考えよう」実践ゼミナール	サントリーホール(音楽系)
2013年度	工学部「自分の頭で考えよう」実践ゼミナール	東京大学工学部(工学系) 機械系(ATC)
2012年度	工学部「自分の頭で考えよう」実践ゼミナール	東京大学工学部(工学系) 機械系(ATC)
2011年度	工学部「自分の頭で考えよう」実践ゼミナール	東京大学工学部(工学系) 機械系(ATC)



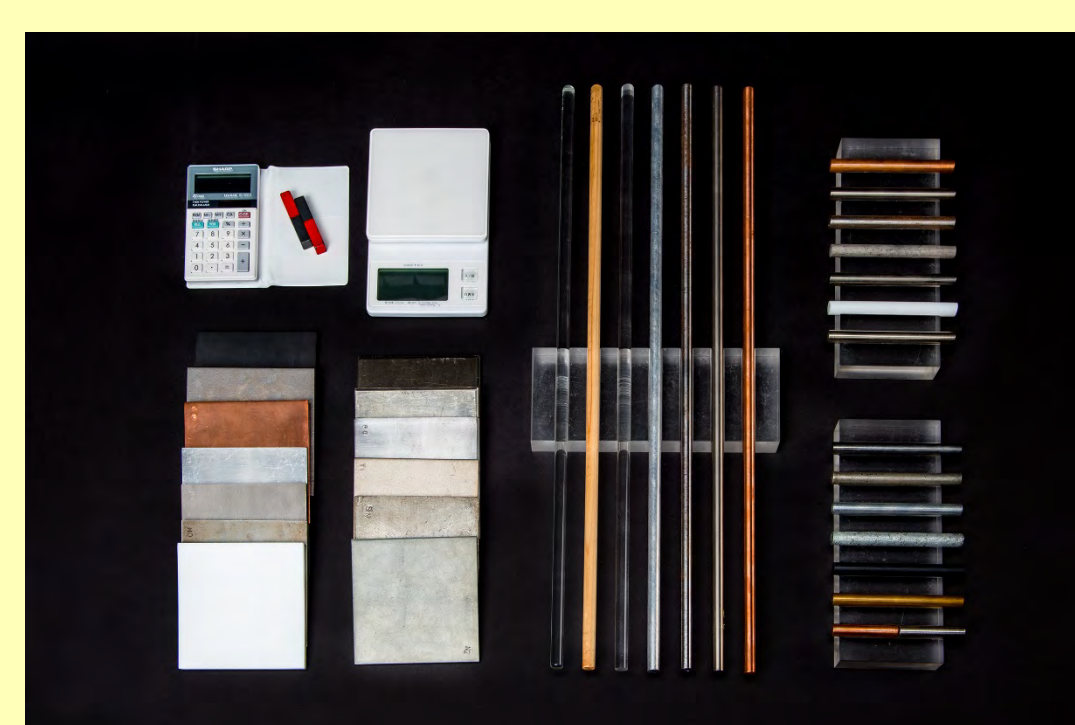
#### ◆ Experiment teaching-materials

- We are developing new teaching materials based on the mechanism of wheels.



### Teaching Materials for Lending

Teachers in elementary school, junior high school, or high school can borrow these teaching materials, and can use them in class.



Sample