



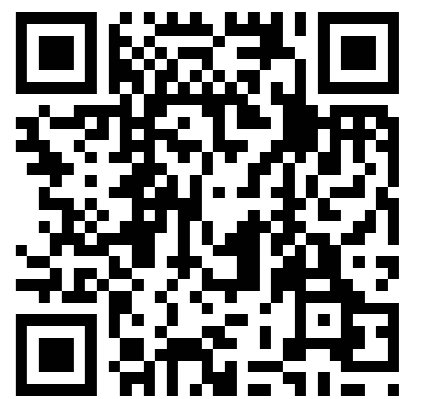
Office for the Next Generation

[Support for STEAM Education, Science and Mathematics Education]

* STEAM : Science, Technology, Engineering, and Mathematics

Office for the Next Generation, Institute of Industrial Science

Next-generation human resource development



Common Facilities

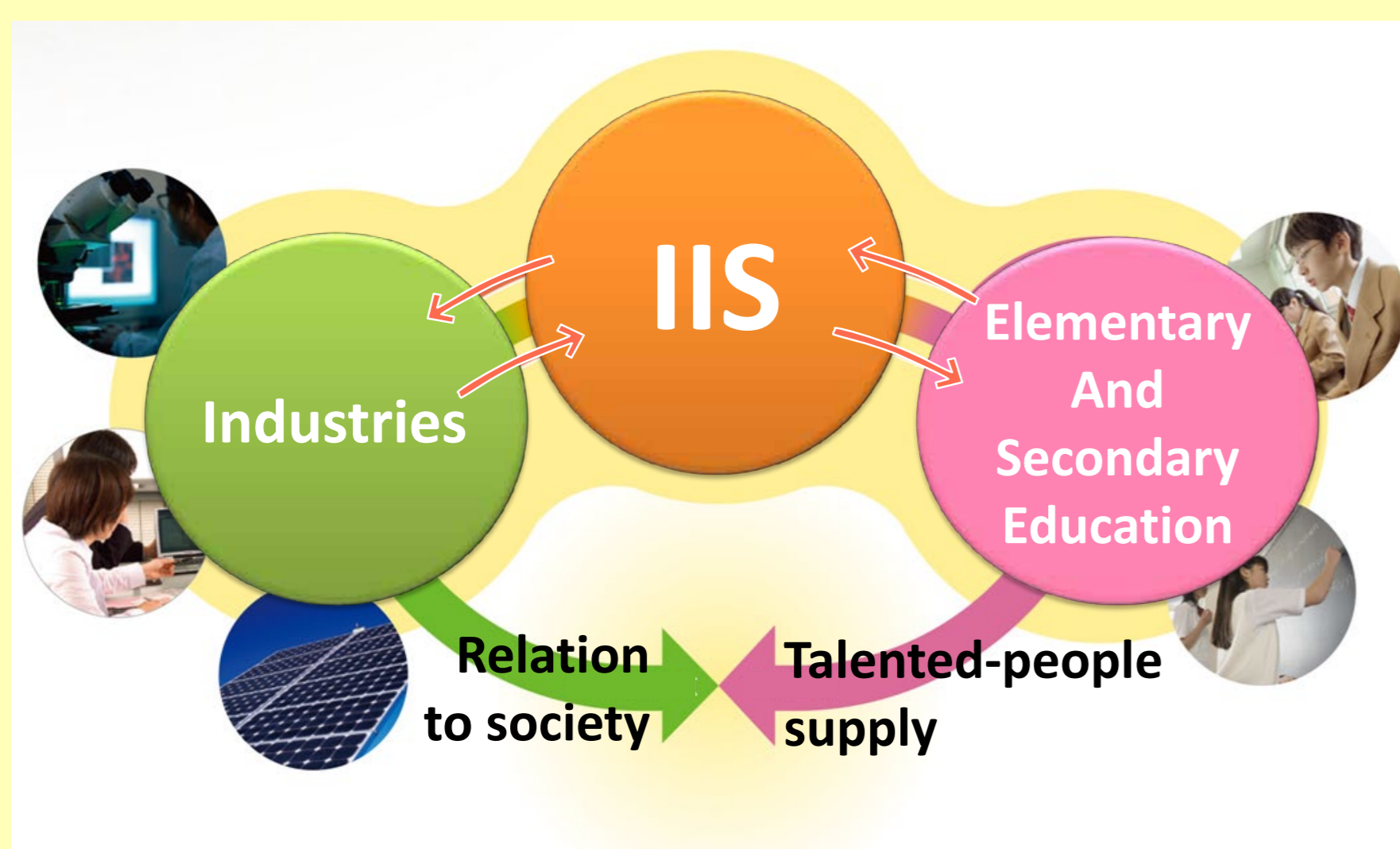
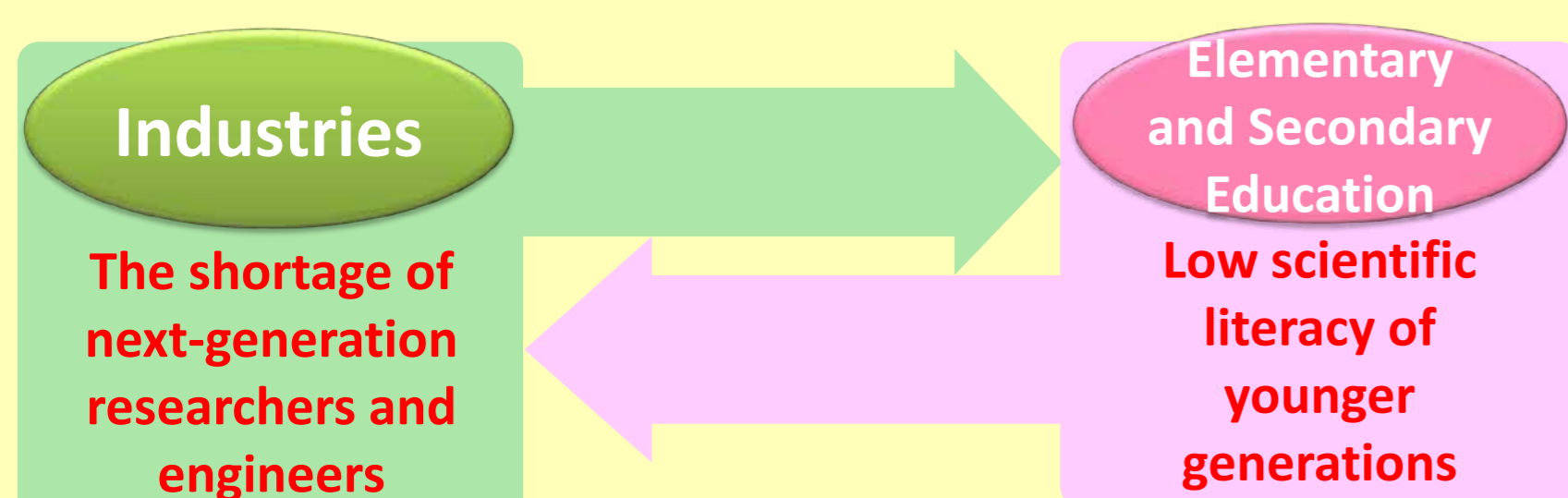
<http://ong.iis.u-tokyo.ac.jp>

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.

Railway workshop 2022

"Let's learn how to provide safety and security."

: Cooperate with Tokyo Metro, since 2013.

: ★ Junior high school student class & high school student class: 2022.8.3 Wed.

(Held on the same day, Face-to-face classes)



Airplane workshop 2022

"Power for the future!!"

: Cooperate with Japan Airlines (JAL), since 2016.

: ★ Junior high school student class :2022.10.29 Sat. & 10.30 Sun.

: ★ high school student class: 2022.11.26 Sat. & 11.27 Sun. (Face-to-face classes)



Education Forum for Next Generation 3rd

2023.3.17 Fri.

New developments in the STE"A"M learning.



ONG STEAM STREAM

New video materials added to the website in 2022.



ONG STEAM STREAM

UTokyoGSC

◆ The University of Tokyo Global Science Campus (UTokyoGSC)

Creating Innovation: Education Program for the Next Generation of Global Scientists and Engineers.(starting from 2019)



Development of Teaching Materials

based on ONG lecture

◆ Experiment teaching materials
• We are developing teaching materials.

◆ Image teaching materials
• We uploaded various lecture movies to the Web.
• DVD of ONG lecture movie.

◆ Teachers can borrow these teaching materials and use them in class.

