



Erasmus+



Prof. Tetsuhito Suzuki
(Kyoto University, Giappone)

15 e 16 marzo ore 14:00 - 18:00

Aula DISTAAM

"Light & sound-based sensing technologies for products of agriculture, livestock and aquaculture"

Talk topics:

1. Similarities and differences in food culture and food production between Japan (East Asia) and Italy (EU).
2. Lectures on fundamental knowledge for spectroscopy and image acquisition systems.
 - What is light and color?
 - Many kinds of spectroscopy.
 - Optical elements and know-how for image acquisition.
3. Research activities of sensing technologies for agricultural, livestock and fishery products by light and sound-based technologies as follows:
 - Non-destructive sensing of chick in fertile egg and possibility of control.
 - Fluorescence imaging for agri-products for the science of "surface".
 - Novel techniques by near-field sensors working in THz-IR ranges.