Contribution to the society

Challenge to natural science

Curiosity to an

unknown things

Realization of Plasma medicine Prevention of virus and hospital infection, and food poisoning

Regenerative medcine Cancer treatment

Interaction between plasma and biological response Killing mechanism of bacteria and cancer Activation of cell viability Induction of cell responses Development of diagnostics

Physics and control of plasma flow Thermal flow dynamics Cavitation bubble dynamics Chemical transport and reaction Discharge mechanism Control of physical stimuli Visualization and measurement

Presentations at conferences

Discharge mechanism of underwater plasma
(12 awards at international and domestic conferences)
Dynamics of fine bubbles (4 awards at international conferences

· Cell responses by gas/liquid plasma

(7 awards at international and domestic conferences)

Foreign short-stay study

Let's gain experience at EPFL/LHM surrounded by amazing natural landscape in Switzerland! (5 students visited)

International Space University

It is held for about 2 months in summer. IFS has a dispatch system and 1 student is dispatched every year. (It is targeted for the students at master' s course or the higher course who wish to enter the doctoral course.) (1 student attended)

IAESTE

It is an internship at overseas companies. What you experience while you are young will definitely feed you in the future.

(2 students attended)





Lab Party

Welcome (April), Summer (July), BBQ (September), Year-end (December), Farewell (February)

Policy

- Think
- Do
- · Go abroad

