

# SSOLLA 2022-VIRTUAL

## Summer School On Lasers and Laser Applications(SSOLLA) 2022

Organized by APRI, GIST

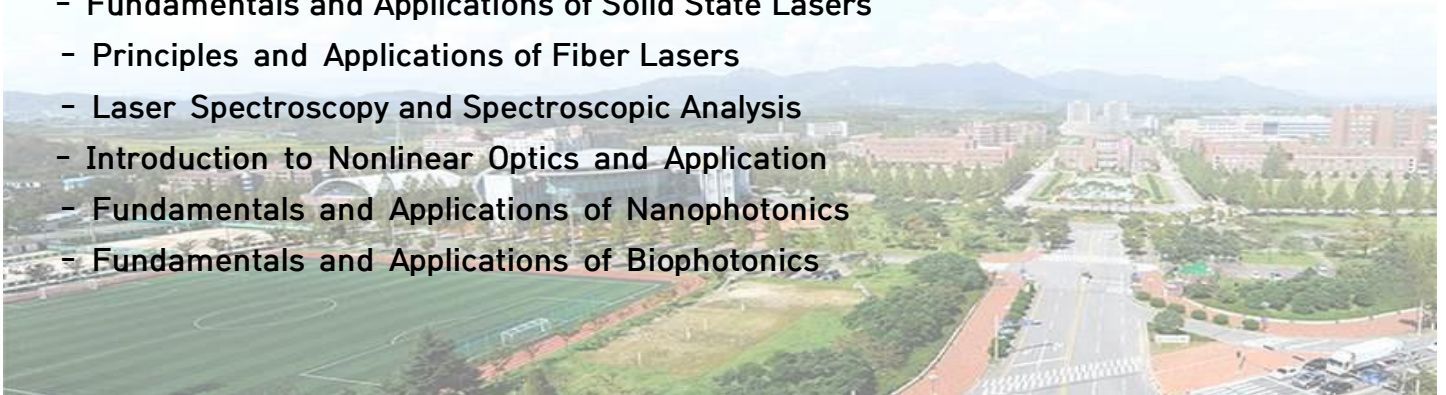
- Date: July 11 (Monday) ~ July 13 (Wednesday), 2022
- TIME: Seminars will be started from 1pm to 6pm (KST)
  - ※The first day and the last day will take more 30minutes for the welcoming ceremony
- Place: Virtual
- Participants: Students and young scientists
- Program overview

APRI (Advanced Photonics Research Institute) is a government supported research institute established in 2001 to develop researches in the area of photonics and to promote international cooperation. We are scheduled to hold the 12th Summer School at GIST (Gwangju Institute of Science and Technology) in Gwangju, Korea. The summer school (SSOLLA 2022) offers a short course educational program on lasers and laser applications to help understand the basics and applications of laser technology. The main motivation of the SSOLLA program is interaction of the participants with the APRI scientists. Its main target group is the students and young scientists who are interested in this field. Lectures will be conducted in English by the APRI research scientists and the GIST faculty members. New innovations in photonic research are being widely applied to various fields including biology, medicine, nanotechnology, and communication and information technology. The curriculum covers fundamentals and applications of laser, applied optics, biophotonics, and nanophotonics.

### ■ Topics

#### 1. Lectures

- Fundamentals and Applications of Solid State Lasers
- Principles and Applications of Fiber Lasers
- Laser Spectroscopy and Spectroscopic Analysis
- Introduction to Nonlinear Optics and Application
- Fundamentals and Applications of Nanophotonics
- Fundamentals and Applications of Biophotonics



※ The contents of lecture may be changed depending on the lecturer, and details will be provided.

## ■ Application

-Submission Deadline: **June 10, 2022**

### -Required Application Documents

1. **Resume** (1 page, fill out the attached form)
2. **Letter of Recommendation** by your supervisor (1 page)
3. **Academic Transcripts**

-All documents should be e-mailed to [SSOLLA@gist.ac.kr](mailto:SSOLLA@gist.ac.kr).

-After reviewing your documents, we will inform the selected participants by **June 20, 2022**.

## ■ Other information

-Address: Advanced Photonics Research Institute, GIST at 123 Cheomdan-gwagiro, Buk-gu, Gwangju 500-712, Korea

-Tel: +82-62-715-3416

-Fax: +82-62-715-3419

-http: [//apri.gist.ac.kr/en/](http://apri.gist.ac.kr/en/)

■ For more information, send an e-mail: [SSOLLA@gist.ac.kr](mailto:SSOLLA@gist.ac.kr)

■ Excellent participants will be given the souvenirs worth about 100,000 won, and additional priority when selecting participants for SSOLLA at next year in APRI, GIST.

So please participate and have fun learning!

**Please share the information with members of your organization and academic societies.**

