



Maasai Mara
University



Deutscher Akademischer Austauschdienst
German Academic Exchange Service

Lasers and photonic Experts Meeting and DAAD Alumni Networking Event (Virtual)

DATES: 4th and 5th October. 2021

Maasai Mara University is organizing a virtual Lasers and Photonics experts meeting which will be accompanied with DAAD alumni Networking Event to be held in the month of October 2021.

Event Subtitle:

Taking Laser Technology and photonic research to the next level in Kenya

Purpose of Event:

To bring all experts in the area of Lasers and photonics in Kenya both in academia and industry. In order to interact, network and share the different research they are doing currently in various fields of lasers and photonics, to be able to build a team of scientists which can take Lasers and Photonics in Kenya to next level. This event also will offer an expert advice to young upcoming researchers (postgraduate students) to take up research projects in lasers and photonics and be able to consult the various experts who will attend from industry and academia should they develop an interest in a particular research area.

The participants will share in the following topical areas:

- ❖ **Holography:** The potential use of holography in imaging, diagnosis and counterfeit related detections etc.
- ❖ **Terahertz Technology:** Potential use of terahertz technology in spectroscopy, communication, imaging, chemistry, and many more emerging areas.
- ❖ **Lasers Physics:** potential use of lasers in spectroscopy, building of compact systems, and material characterization, Metrology , optical tweezers etc.
- ❖ **Development of laser sources,** eg solid state lasers , semiconductor lasers etc
- ❖ **Optoelectronic and spintronic** research areas.
- ❖ **Optical fiber communication technology.**
- ❖ **Biophotonics** and any other field closely related to lasers and photonic technology

Target Group:

This event targets both scientific experts in industry as well as in academia, DAAD alumni, postgraduate students interested to do research in lasers and photonics and any expert in industry also looking to work with people in academia.

Abstract Guide:

Any person with an expression of interest to contact **Dr. Ing Jared Ombiro**, through the email : gwaomb@mmarau.ac.ke or mobile: +(254) 723 075 936, to include your name on the list of participants. Participants are also asked to prepare a one-page abstract on their research which they will share to other participants during the event. Abstract can be sent to the following email: laserphotonics@mmarau.ac.ke

Key Dates:

Abstract submission

31st August, 2021 | Events Dates

4th and 5th October, 2021