

# OptoX NANO

Current challenges of key enabling nanomaterials for emerging technologies:  
Optical, X-ray metrology and rational material design

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## Solicitation for parallel exhibitions, advertisement and monetary contribution (co-sponsor)

The Current challenges of key enabling nanomaterials for emerging technologies: Optical, X-ray metrology and rational material design (**OptoX NANO**) will be held at Okayama Convention Center, Okayama, Japan, during 2 December to 5 December in 2019.

This conference series started in EMRS Spring Meeting 2003, Strasbourg, France and now it is at the 8<sup>th</sup> edition (organised for the 2<sup>nd</sup> time in Japan) aims to explore recent advances in photonic characterization of novel materials used in applications as varied as renewable energy, medical applications, and art restoration. Visible photons are very easy to produce and manipulate, and have the proper energy to characterize semiconductor materials, such as might be found in solar cells. Infrared and terahertz photons much lower energy and are harder to produce and manipulate, but give information about lattice vibrations and impurities in materials. X-rays are much higher energy, and therefore can explore material characteristics such as lattice spacing and atom identification.

This symposium is aimed to:

- giving an overview of: a) current challenges for rational material design and emerging devices modelling and design and b)the current status and future trends of optical, THz and X-ray metrology for key enabling nanoscale material characterization for emerging technologies, with a particular emphasis for ICT, Microwave/Terahertz, Renewable Energy and Energy storage, health and heritage conservation.
- promoting and encouraging young researches and academics interaction with industry to address scientific and technological challenges associated with the improvement of standard analytical methods and qualification of newer techniques suitable for addressing the needs for the emerging technologies of the future at nanoscale.
- promoting and encouraging networking activities between Europe (*EU ERASMUS/H2020/Horizon Europe, MINATEC/GIANT*) and Japan (*JSPS, JST, Riken, AIST, Japan Delegation for EU H2020/Horizon Europe*) within all these emerging fields of science and technologies that are expected to have a significant societal impact.

The conference will place special emphasis on international collaborations in research and education in this highly interdisciplinary and increasingly global field. Invited talks on current status and future prospects by leading researchers will be given as well as some contributed oral presentations.

In order to hold this symposium and to ensure the success of it, we are seeking contributions to help defray the costs associated with the symposium.

We are soliciting parallel exhibitions, advertisement and monetary contribution (co-sponsor).

**OptoX NANO** is depending on your assistance and generosity.

Please fill out the application to pledge your support. We thank you for your time and consideration.

Regards,  
OptoX Nano Committee

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\*\*\*\*\* 3 ways to contribute to **OptoX NANO** \*\*\*\*\*

## 1) Parallel exhibitions (10 slots)

Period: From 1pm on 5 December till noon on 5 December 2019

Fee: 120,000 JPY / slot (W 1800 x D 600): Including registration fee for 2 exhibitors

- Exhibitors are responsible for the cost of special requests except back panel and long desk.
- Please ask about the electric capacitance in advance if you need to use electricity.
- Please load and unload during the designated time below.

Loading from 1pm till 1pm on 5 December

Unloading and taking out from noon till 3pm on 5 December 2019

## 2) Monetary contribution (co-sponsor)

Bronze : 50,000 JPY

Silver : 100,000 JPY

Gold : 150,000 JPY

*\* Your donation will be listed in our proceedings as co-sponsor.*

## 3) Advertisement on our proceedings (gray scale print)

Fee: A4 half size 50,000 JPY

A4 full size 70,000 JPY

-Deadline for your artwork submission is 10 November, 2019

-Your advertisement should be all in English.

-Please email your camera ready artwork in high resolution jpeg or PDF format (300 dpi) to:  
[takeyasu@okayama-u.ac.jp](mailto:takeyasu@okayama-u.ac.jp)

☆Special Discount for parallel exhibition and the advertisement (A4 full size)

Fee: 150,000 JPY (You save 40,000 JPY.)

Application Deadline: 15 October 2019

Please fill out the “**application form**” and email as a PDF file or mail it to the address below.

Email: [takeyasu@okayama-u.ac.jp](mailto:takeyasu@okayama-u.ac.jp)

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3-1-1 Tsushimanaka, Kitaku, Okayama 700-8530 Japan

Please make a payment by bank transfer to:

BENEFICIARY'S BANK: THE CHUGOKU BANK LTD.,

SWIFT CODE : CHGKJPJZ

BRANCH : Hokancho

BENEFICIARY'S NAME: OptoX-Nano2019

BENEFICIARY'S ACCOUNT NO.: 102-01-2543937