Joint ICTP-IAEA-UNESCO Workshop on Open Hardware Solutions for Sustainable Development

Description:

Open hardware solutions can play a crucial role in promoting sustainable development. By enabling transparency and collaboration, open hardware solutions can lead to the development of sustainable technologies that can easily be adapted to local contexts.

13 – 17 May 2024

Stellenbosch University, South Africa

Deadline:
15 March 2024

MORE DETAILS:

Open hardware, characterized by open access to designs and specifications, presents an opportunity for promoting sustainability and equity. By design, it facilitates a reduction in waste through modularity and repairability, extending the lifespan of electronic devices and diminishing electronic waste. Enhanced efficiency is another hallmark of open hardware. The collaborative nature of its development allows for diverse inputs and innovations, which can lead to more resource-efficient and high-performance hardware systems.
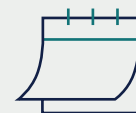
Open hardware empowers communities, particularly those with unique challenges and limited access to technology. The open nature of these projects democratizes technology, enabling local communities to develop solutions tailored to their specific needs. It cultivates self-reliance and participation in global technology discourse.

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FURTHER INFORMATION:

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Female scientists are encouraged to apply.

TOPICS:

- Introduction to Internet of Things for SDGs
- Open Hardware solutions for Internet of Things
- Communications options for Internet of Things
- Innovating for Efficiency: Open Hardware Solutions in Water and Agriculture

GRANTS:

A limited number of grants are available to support the attendance of selected participants, with priority given to participants from developing countries.
There is no registration fee.

ICTP SCIENTIFIC CONTACT:

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