INTERNATIONAL WORKSHOP

## INTERNATIONAL WORKSHOP ON HIGHER EDUCATION

Tuesday, 27th June from 12:20 to 12:40. Lecture by Mainardo Gaudenzi Asinelli, Assistant Professor at UVic-UCC.

## Sustainable technology for cultural heritage: the smarts project advances

The current convergence of open source and low cost technology, technological acceleration and hyper-connectivity, open and free access data, and active citizenship culture can represent a key factor for sustainable development actions on a 'glocal' base. Such a sustainable approach can enhance local communities abilities to preserve and promote their Cultural Heritage. The smARTS project is based on this approach, by promoting open and free access to knowledge and technology, interacting with the global makers movement, and sustaining the Citizen Science principles. This speech shows the more recent advances within the smARTS project on prototyping low cost, free and open source hardware and software, easy to assemble and easy to use, and fully customizable devices for mapping, monitoring and analysing cultural heritage artefacts and environments.

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