



European Space Agency and Libre Space Foundation join forces to further enable Software Defined Radio for satellite communications

Software Defined Radio (SDR), the concept of using software instead of physical components to create radio systems has seen enormous growth due to advancements in digital electronics and open-source.

In order to further facilitate the use of SDR technologies in satellite communications, the European Space Agency and Libre Space Foundation joined forces to create **SDRmaker.space** under the ARTES program.

SDRmaker.space is an activity framework that aims to bring together makers, open-source hackers, radio amateurs, researchers and academia from all over Greece. **SDRmaker.space** will provide funding and resources to a passionate community tackling challenges in using SDR for satellite communications, opening up this field to a wide variety of people, organizations and companies.

For more information don't hesitate to check the initiative's website at <https://sdrmaker.space>

The European Space Agency (ESA) <https://www.esa.int> is Europe's gateway to space. Its mission is to shape the development of Europe's space capability and ensure that investment in space continues to deliver benefits to the citizens of Europe and the world. The ARTES program (artes.esa.int) supports innovation in the field of satellite communications.

Libre Space Foundation <https://libre.space> is a non-profit organization based in Athens, Greece. Its mission is developing open-source space technologies, facilitating an open space for all. Among its projects are SatNOGS <https://satnogs.org> - a global SDR based satellite ground-station network - and UPSat <https://upsat.gr>, which is the first open-source hardware and software satellite in orbit.

