



Strasbourg, November 8, 2018.

SPIRITS project at MEDICA 2018

The SPIRITS project will be present at MEDICA 2018, the world's largest medical trade fair. SPIRITS initiative and first results will be shown on Fraunhofer booth, in the context of joint efforts with Fraunhofer PAMB group.

MEDICA opens its doors in Düsseldorf from 12 to 15 November. More than 5,000 international exhibitors will present their new innovative products and applications. SPIRITS project will be present with several prototypes of 3D printed component and robotic systems.

The SPIRITS Interreg project (Smart Printed Interactive Robots for Interventional Therapy and Surgery) aims at developing an innovative robotics by 3D printing for interventional radiology and image guided surgery.

New solutions taking advantage of multi-material 3D printing are presented at MEDICA, with in particular robot architectures printed directly as a whole and actuation solutions combining pneumatic energy and 3D printing to offer safety and compatibility with medical imaging devices.

The project involves researchers and engineers from 5 partners in France, Switzerland and Germany with the support of 8 associate partners, including companies involved in medical technology development.

SPIRITS was launched as part of the Offensive Sciences program and coordinated by INSA Strasbourg. It is supported by the Region Grand Est, Land Baden-Württemberg, Land Rheinland-Pfalz, Cantons Baselstadt, Basellandschaft, Aargau, Swiss Confederation, and by the program INTERREG Upper Rhine from the ERDF (European Regional Development Fund).

Contact : Pierre Renaud, Professor, Coordinator of SPIRITS project, pierre.renaud@insa-strasbourg.fr

More information : spirits.icube.unistra.fr