

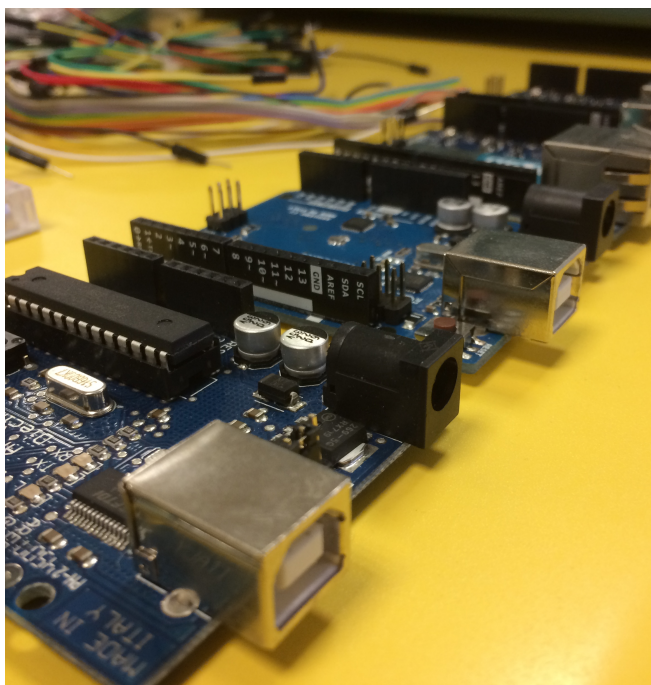


Who can use the SciFabLab?

FabLabs are available as a community resource, offering open access for individuals as well as scheduled access for programs. The ICTP Scientific FabLab is open to all ICTP scientists with the possibility to welcome in also external research projects and educational initiatives that are of benefit for the whole society.

There are two categories of hosts allowed to access and use the ICTP SciFabLab resources:

- ICTP scientists, i.e., staff scientists, post-docs, associates, students, etc, can freely make use of the Scientific FabLab facilities upon request to SDU.
- External membership to the ICTP Scientific FabLab is subject to approval by the SDU Team. This is based on the presentation (by one or more individuals, groups, etc) of guest projects and/or educational initiatives that are of benefit for the whole society. There are not membership fees and the call is always open.



Organizational chart

ROLE	WHO	DUTIES
Coordinators	SDU staff	to manage and select activities & memberships
Managers	selected volunteers	to supervise hosts & activities during opening hours
Hosts	authorized adult makers	responsible for <i>safety, operation & knowledge</i>
Visitors	<i>e.g. schools, makers, local community, etc.</i>	visits or participation to training activities; visitors are not allowed to use FabLab facilities for their own purposes

What are Host's responsibilities?

safety: not hurting people or machines

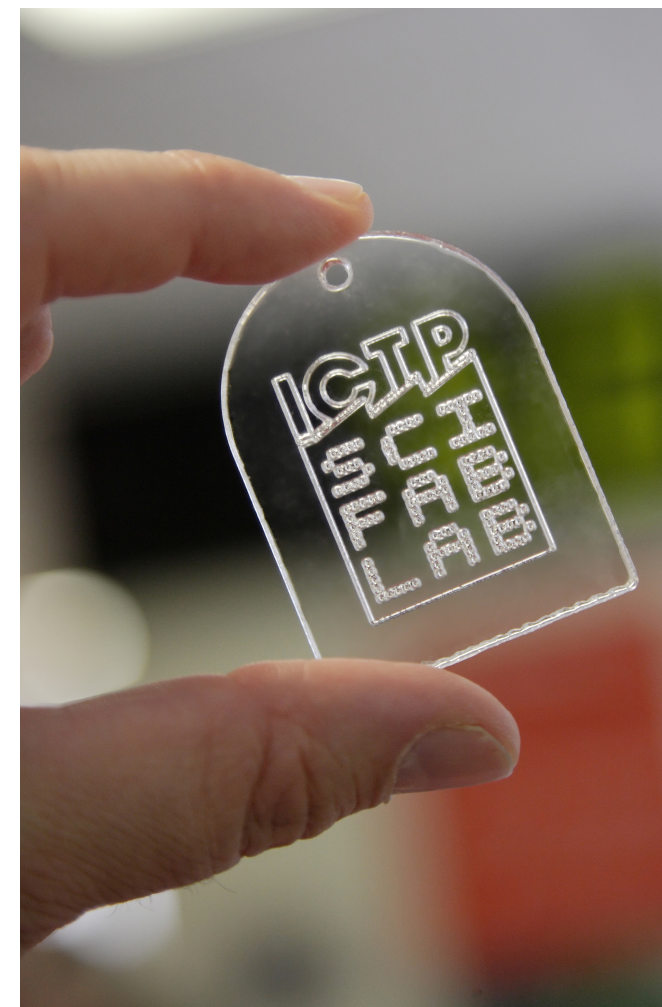
operations: assisting with cleaning, maintaining, and improving the lab

knowledge: contributing to documentation and instruction.

Who owns FabLab inventions?

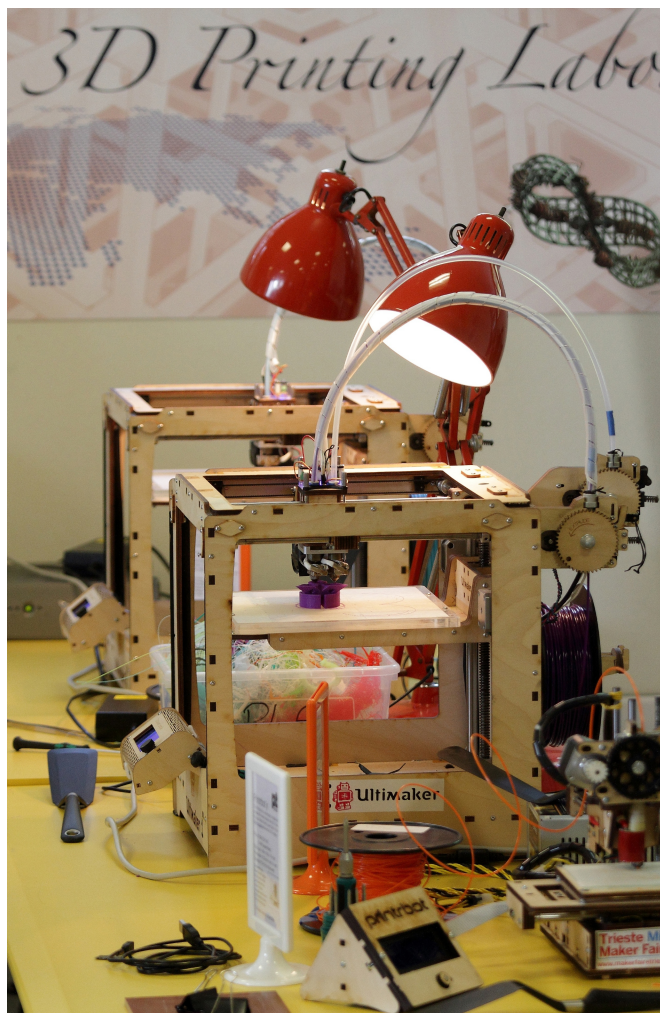
Designs and processes developed in FabLabs can be protected and sold however an inventor chooses, but should remain available for individuals to use and learn from.

Accepted hosts of the ICTP SciFabLab agree to share their expertise with other members of the ICTP Scientific FabLab and to publish openly their results in the literature, on-line or exhibit them in Maker events. The authors of any prototype, model or code developed within the ICTP SciFabLab will retain their full ownership, however it is highly recommended to release them as open source / open hardware.



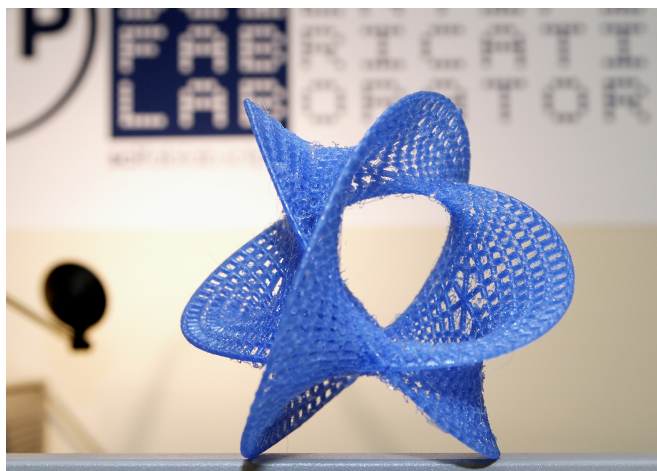
 <http://scifablab.ictp.it>
 scifablab@ictp.it

The Science Dissemination Unit (SDU) of the Abdus Salam International Centre for Theoretical Physics (ICTP) in Trieste, Italy has established on August 12, 2014 a 200 sq. m Scientific FabLab (“fabrication laboratory”) infrastructure devoted to creativity and research with special focus on possible applications of benefit for the society.



What is a FabLab?

FabLabs are a global network of local labs, enabling invention by providing access to tools for rapid digital fabrication. In particular, the ICTP SciFabLab is a workshop facility for scientists and makers offering the possibility of digital fabrication and rapid prototyping for projects in the fields of science, education and sustainable development.



What's in a FabLab?

FabLabs share an evolving inventory of core capabilities to make (almost) anything. The ICTP SciFabLab is equipped with an ensemble of flexible manufacturing equipment including: a 60W 600x900mm laser cutter and engraver, a variety of low-cost FDM 3D printers and 3D scanners, a DIY CNC milling machine, an ensemble of open technologies for electronic prototyping including micro-controller boards and shields, sensors and actuators, protoboards etc. In the near future it is planned to add PCB creation facilities, more tools, and other prototyping facilities. See scifablab.ictp.it for more information and list of available equipment.

Where and when

When is it open?

Monday to Friday: 9:30–12am

(for ICTP scientists only)

Tuesday, Thursday and Saturday: 3–9pm

(for ICTP scientists, guest projects, hosts & visitors)

check opening on website: scifablab.ictp.it

Where is it located?

SciFabLab is located in the basement of the Enrico Fermi Building (EFB), within the ICTP Campus in Miramare, Trieste.

Ph.: (+39) 040 2240317

e-mail: scifablab@ictp.it

ICTP Enrico Fermi Building

via Beirut 6

34151 Grignano TRIESTE

GPS: N 45°42'17" – E 13°43'09"

