



polifab

POLITECNICO DI MILANO

Booking instruction

To obtain the login credential for the PoliFAB website,
the security test must be successfully completed.

**No access and booking will be allowed
to whom has not yet passed the cleanroom safety test.**

Initial procedure



Once the user is authorized to access the clean room, the login credentials can be asked by sending an email to the lab manager:

Andrea Annoni, andrea.annoni@polimi.it

Cc: Claudio Somaschini, claudio1.somaschini@polimi.it

The email must contain full name of the user and Polimi ID number (“codice persona”); the email address used to send the email will be associated to the PoliFab credentials. If the user desires to associate a different email to his credential, please specify it in the credential request.

The user will receive an email with username and password; if not, send us a kind reminder.

Even when credentials are obtained, users must be receive the proper training, for the machines they intend to use, from the PoliFAB staff.

This is required for the sake of your own safety and also for the integrity of the equipment itself.

To receive the training, arrange a meeting with one of the “contact persons” listed in each equipment’s page.

Login to Polifab website



STAFF POLIFAB

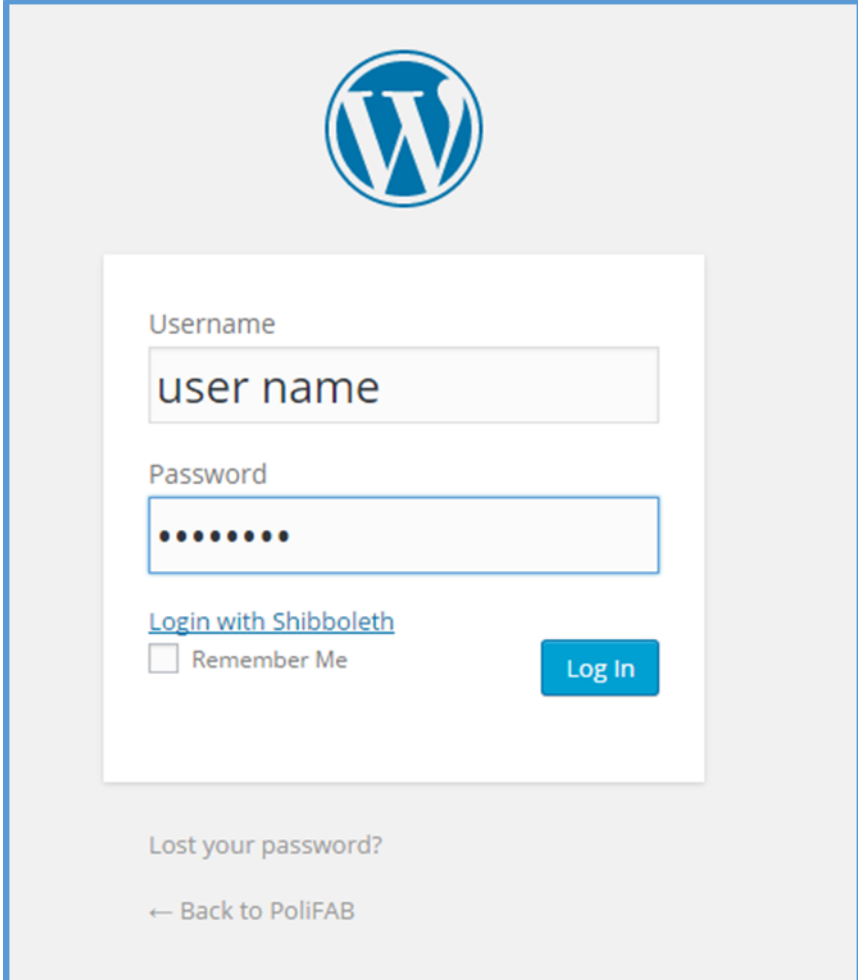


**POLITECNICO
MILANO 1863**

Login to Polifab website

Insert the PoliFAB credential in the login form. The login database is managed directly by the PoliFAB staff.

Thus, the **login can be suspended or revoked** without notice in case of violation of the cleanroom procedures and safety rules.



WordPress logo

Username
user name

Password
••••••••

[Login with Shibboleth](#)

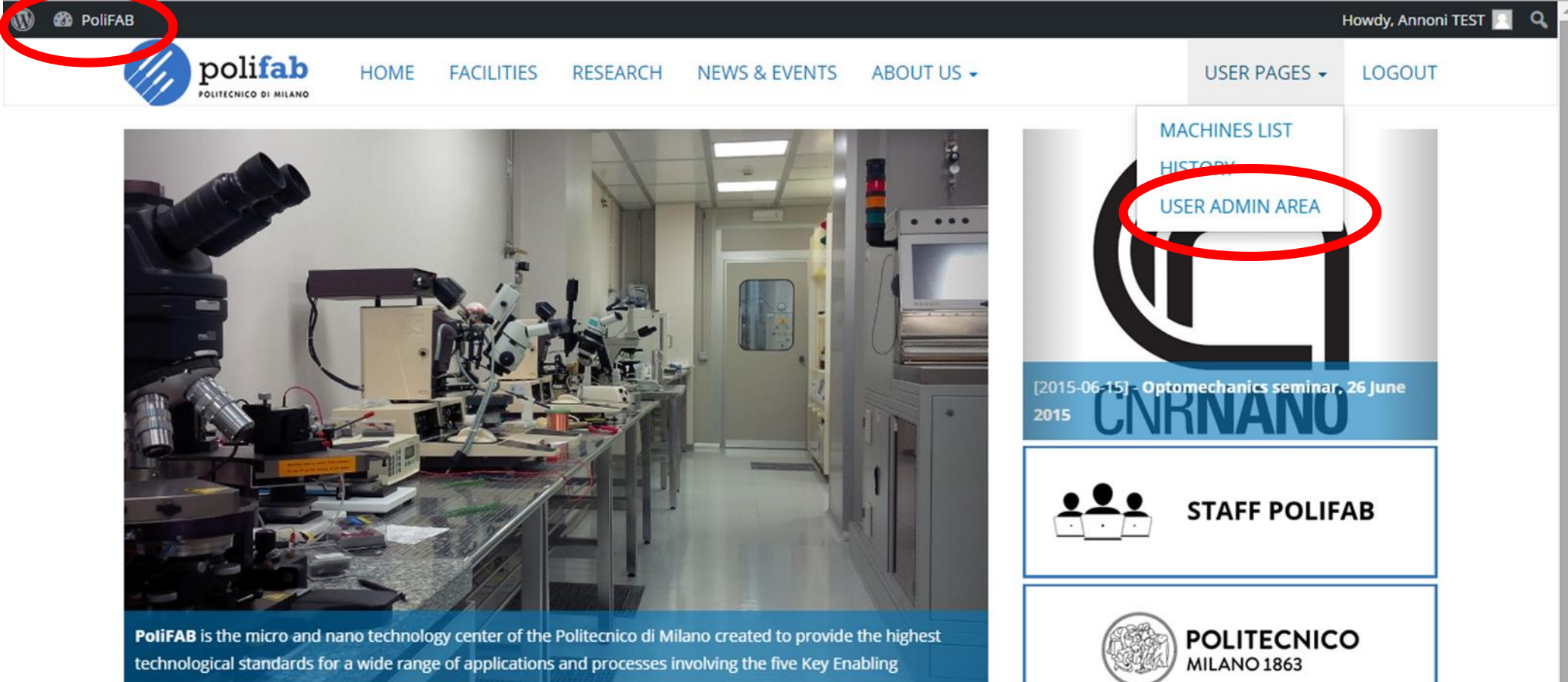
Remember Me

[Lost your password?](#)

[← Back to PoliFAB](#)

Password change

Once logged, a user can change his/her password from the dashboard, which can be accessed from the link highlighted in the image.



The image shows a screenshot of the Polifab website dashboard. The top navigation bar includes links for HOME, FACILITIES, RESEARCH, NEWS & EVENTS, and ABOUT US. A red circle highlights the 'PoliFAB' logo in the top left corner. On the right side of the dashboard, there is a menu with options: MACHINES LIST, HISTORY, and USER ADMIN AREA. The 'USER ADMIN AREA' link is circled in red. Below the menu, there is a section for 'STAFF POLIFAB' and a footer with the Politecnico di Milano logo and contact information.

Howdy, Annoni TEST

USER PAGES ▾ LOGOUT

MACHINES LIST
HISTORY
USER ADMIN AREA

[2015-06-15] - Optomechanics seminar, 26 June 2015

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Resources booking

A resource can be booked from its description page with the “reserve” button

Keysight 5600LS AFM system

MANUFACTURER: Keysight Technologies

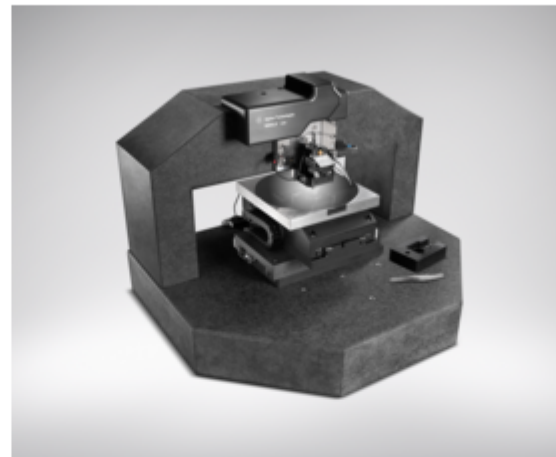
WEBSITE: www.keysight.com/

CONDITION: Operative

CONTACT PERSON: Edoardo Albisetti

ACCESS: Authorized user

LOCATION: Metrology



Description:

The modular 5600LS AFM system allows imaging of both large samples (in air) and small samples (in air, or in liquid under temperature control). The 5600LS utilizes a 200 mm x 200 mm, fully addressable and programmable stage, as well as a low-noise AFM design. Samples up to 8" in diameter and 30mm tall are easily accepted by the 200mm vacuum chuck. The stage accommodates a 300 mm wafer with repositioning.

Working principle

Atomic force microscopy (AFM) is a high-resolution scanning probe microscopy, with demonstrated resolution below the nanometer. The AFM consists of a cantilever with a sharp tip (probe) at its end

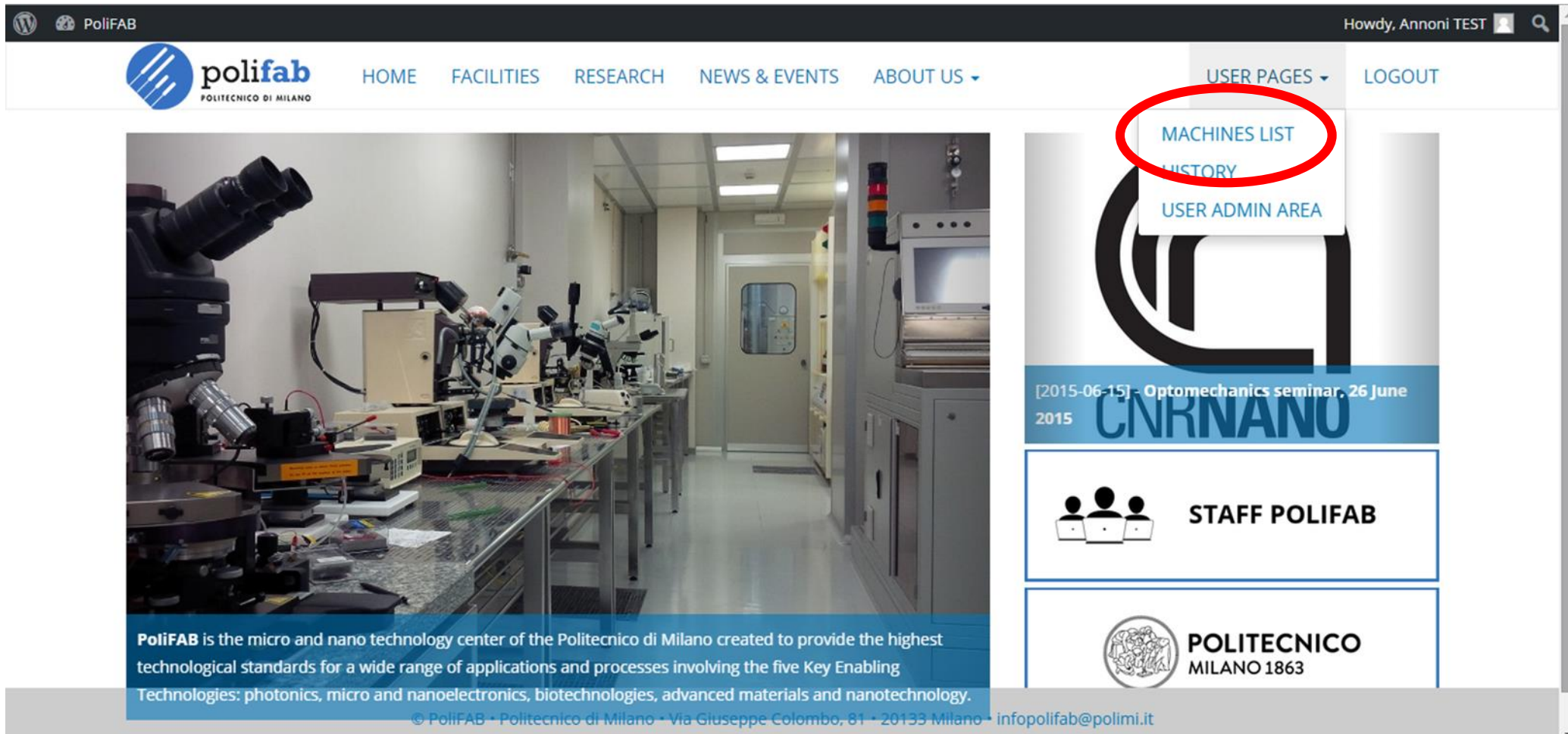
Download

Reserve

- ▶ Back End
- ▶ Magnetic Thin Films
- ▼ Metrology
 - Eichhorn+Hausmann MX 203
 - Ellipsometer J.A. Woollam VASE
 - Keysight 5600LS AFM system
 - KLA Tencor P-15 Profiler
 - Leica FTM 200 Microscope
 - Metricon 2010 Prism Coupler
 - Micrometric Microline ML420
- ▶ Thin Films Deposition
- ▶ Wet Process
- ▶ Yellow Room

Resources booking

The resource list can be also reached with the highlighted “machine list” link.



The screenshot shows the Polifab website interface. The top navigation bar includes the Polifab logo, the text 'HOME FACILITIES RESEARCH NEWS & EVENTS ABOUT US', and user options 'USER PAGES' and 'LOGOUT'. The 'USER PAGES' dropdown menu is open, with 'MACHINES LIST' highlighted by a red circle. Below the navigation bar, there is a large image of a laboratory with various microscopes and equipment. A blue banner at the bottom of the image contains the text: 'PolifAB is the micro and nano technology center of the Politecnico di Milano created to provide the highest technological standards for a wide range of applications and processes involving the five Key Enabling Technologies: photonics, micro and nanoelectronics, biotechnologies, advanced materials and nanotechnology.' To the right of the laboratory image, there are three promotional boxes: one for a seminar, one for staff, and one for the Politecnico di Milano logo.

Howdy, Annoni TEST

HOME FACILITIES RESEARCH NEWS & EVENTS ABOUT US

USER PAGES

LOGOUT

MACHINES LIST

HISTORY

USER ADMIN AREA

[2015-06-15] - Optomechanics seminar, 26 June 2015

STAFF POLIFAB

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PolifAB is the micro and nano technology center of the Politecnico di Milano created to provide the highest technological standards for a wide range of applications and processes involving the five Key Enabling Technologies: photonics, micro and nanoelectronics, biotechnologies, advanced materials and nanotechnology.

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Resources booking

The reservation can be made by clicking and dragging to select the desired time span on the calendar.

Between users, the reservations are anonymous.

Resource Booking

Select a resource

Sem Leo1525 / Elphy Plus Raith

22 — 28 June 2015

day week month

today



	Mon 22/6	Tue 23/6	Wed 24/6	Thu 25/6	Fri 26/6	Sat 27/6	Sun 28/6
08:00							
09:00					09:00 - 12:30 Reserved		
10:00							
11:00							
12:00							
13:00							
14:00							
15:00							
16:00							
17:00							

For information, problems or changes about the booking, please speak with the contact person indicated above.

Reservation changes



A reservation can be resized by dragging the lower boundary of the time slot or it can be moved to another time by clicking and dragging the reservation around the calendar.

A reservation can be easily cancelled by clicking on it and selecting “cancel”.

Reservations can be cancelled/modified until the booked time starts.

Reservation timing

Each machine has limitations about the minimum and maximum time reservable and the possibility to work overnight; the details are on the right side of the booking calendar.

Some machine can work overnight; to do so, when reserving the machine, drag the time slot until the desired hour of the day after. To reserve a resource overnight, while booking, simply drag the mouse to the finishing hour of the day after.

The starting time of any reservation must be between 8:00 and 18:00.

Downloadable contents



When logged in, the downloadable content for the equipment will be shown at the bottom of each equipment.

Depending of the machine, the downloadable material can span from manuals, specifications, procedures, software...

Rights and duties



Equipment must be left clean, tidy and functional. If the equipment is found in unsatisfactory condition, please report it immediately.

A user can operate on a machine only in the reservation time; at the end of the booked time slot the equipment must be leaved. If a user, find the machine busy or physically occupied, please report it immediately.

Users are encouraged to program their work and to avoid booking machines for an unnecessary long time.

If, for any reason, a user will not be able to start his/her work from the beginning of the reserved time, please modify the reservation to allow other users to work.