myfab LIMs in IIIV

myfab LIMS

- Laboratory management system that was developed at Chalmers and now used in three laboratories Chalmers MC2, Uppsala, and Electrumlab.
- Web based, easy to use
- Initially was used for equipment booking, training, etc., but now being rolled out to full implementation
- Will replace current system and be used for lab charges
- All tools now charged by hour (previously by run)
- Lithography charged by tool
- Charges will be by booked slots
- Access is per month – no daily charge
- You must be a ‘user’ to log on and book equipment or request training
- Start here … http://lims.tyndall.ie

IIIV Fabrication – LIMs induction

LIMS - Home - Windows Internet Explorer

http://lims.tyndall.ie/

Tyndall National Institute

myfab LIMS

Tools | Info | User access

Home

Related
- Tools
- Info
- User access

Log In

Username:

Password:

Log In

Not a member? Apply for membership here...

Welcome to Tyndall's Compound Semiconductor Fabrication Laboratory

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LIMS - User access - Windows Internet Explorer

http://lims.tyndall.ie/WebForms/Anonymous/ApplyForMembership.aspx

File Edit View Favorites Tools Help

Favorites | HUMMINBIRD MS M - QUIC... | http--calsky | LIMS - Home | Liros Synthetic Hemp 3-Stran... | MetOffice | AIB | Cork Airport | MSeaWd | CorkCo lib | eBay UK | ECMWF | eircom | EMITS | GMT | Google | GoogleScout | Metcheck | HubbleSite

LIMS - User access

Page Safety Tools

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Tools | Info | User access

Home » User access

Apply for access to this lab

Related
- Tools
- Info
- User access

Step 1 of 2: Name and lab information

Help

First name:	*
Last name:	*
Gender:	Male
Birthdate (yyyy-mm-dd):	
Type of user:	-- Select type of user --
Company / University:	
Department:	
Laboratory / Group:	
Project name:	*
Project Id:	*
Practical coach:	
Supervisor:	
Access card number:	
Start date (yyyy-mm-dd):	
End date (yyyy-mm-dd):	
Supplementary info:	*

I agree that this lab saves birth date and gender information about me. *

Next

Done | Internet | 115%

Start | Inbox - Microsoft Outlook | Microsoft Access - IIIV PT... | \\File1vs\Documents\joh... | Microsoft PowerPoint - [LI... | LMS - User access -... | EN | 10:47

IIIV Fabrication – LIMs induction

- Induction for new lab users, receive logon details for established lab users.
- LIMs used for:
  - Training on equipment (applying for a licence)
  - Booking equipment slots
  - Logging process work
  - Tracking projects

- **Training**
  - Login
  - Go Tools>Apply for licence
  - Then select tool from list, fill in form, and submit
  - NB. You should contact the trainer to discuss training

IIIV Fabrication - LIMs induction

LIMS - Apply for licence - Windows Internet Explorer

http://lims.tyndall.ie/WebForms/Equipment/User/ApplyForLicence.aspx

File Edit View Favorites Tools Help

Favorites | HUMMINBIRD MS M - QUIC... | http--calsky | LIMS - Home | Liros Synthetic Hemp 3-Stran... | MetOffice | AIB | Cork Airport | MSeaWd | CorkCo lib | eBay UK | ECMWF | eircom | EMITS | GMT | Google | GoogleScout | Metcheck | HubbleSite

LIMS - Apply for licence | eBay UK Item Bid History

Page | Safety | Tools

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Tools | User | Advanced | Info

Home » Tools » Apply for licence

Apply for licence

Calendar

Send my bookings

Related

- My licenced tools
- Apply for licence
- All tools
- Tool status
- View bookings
- Batches
- Log
- Verify night shift booking

Favorites [edit]

My bookings

+ Add current page

You are logged in as:
--trial.run --

Logout

Please fill the form with information regarding your license.

Tool 350115 Sputterer

Possible dates
Primary:
Secondary:
Third:

Estimated uses
(in period of 6 month) hours

Practical coach
(on this tool) Type to see suggestion (min. 3 characters)

Short info of intended use

Send application

Internet | 115%

Start | Inbox - Microsoft Outlook | Microsoft Access - IIIV PT... | \\File1vs\Documents\joh... | Microsoft PowerPoint - [LI... | LIMS - Apply for lice... | EN | 14:57

- Training
- **Booking**
- Logging

  - Go to your home page and click on ‘Book’ for tool you wish to book.
  - Enter start finish time.
  - Select project
  - Batch number optional.
  - Click Book.
  - Some tools must be booked i.e. ICP, others are optional i.e. ellipsometer. In all cases booked user has priority.
  - Booking page gives information
    - Minimum booking time
    - Maximum booking time
    - Max number of bookings at any one time
  - Bookings can be made retrospectively but cannot be changed once made.
  - Bookings can be changed or removed up until start time.

IIIV Fabrication - LIMs induction

LIMS - Home - Windows Internet Explorer

http://lims.tyndall.ie/default.aspx

File Edit View Favorites Tools Help

Human resource

Book	John Pike

My licenced tools

~~Book~~	View	Log	Acid wet bench (123456)
Book	View	Log	Anneal furnace (350014)
~~Book~~	View	Log	Asher (350011)
~~Book~~	View	Log	Develop wet bench (1234567)
Book	View	~~Log~~	Dielectric coater (350098)
Book	View	~~Log~~	Direct write lithography (123456789)
~~Book~~	View	Log	Dishwasher (12345678)
Book	View	~~Log~~	Electroplating station (350034)
Book	View	Log	Ellipsometer (350122)
Book	View	~~Log~~	ICP etcher - Oxford Inst. (350116)
~~Book~~	View	~~Log~~	ICP etcher - STS (350096)
~~Book~~	View	~~Log~~	LO wet bench (12345)
Book	View	~~Log~~	Mask aligner MA1006 (350112)
Book	View	~~Log~~	Mask aligner MA6 (350127)
Book	View	~~Log~~	Mask aligner MJB3 (350040)
Book	View	~~Log~~	Metal coater (350117)
~~Book~~	View	Log	Microscope Leitz Metallux (350045)
~~Book~~	View	Log	Microscope Nikon Eclipse 150A + BR Elements (350119)
~~Book~~	View	Log	Microscope Nikon Optiphot (350003)
~~Book~~	View	Log	Microscope stereo Leitz (350030)
~~Book~~	View	Log	Microscope stereo Nikon SMZ1500 (350089)
Book	View	Log	Microscope stereo Olympus SZ60 (350026)
Book	View	Log	Nanospec (350106)
~~Book~~	View	Log	Oven #1 (350047)
~~Book~~	View	Log	Oven #2 (350046)
~~Book~~	View	Log	Oven #3 (350049)
~~Book~~	View	Log	Oven #4 (350048)
~~Book~~	View	Log	Oven #5 (350031)
Book	View	Log	Oxidation furnace (350013)
Book	View	~~Log~~	Particle counter (350125)
Book	View	~~Log~~	PECVD (350097)
Book	View	~~Log~~	Rapid Thermal Annealer (350113)
Book	View	Log	Scriber (350010)
Book	View	~~Log~~	SEM (350129)
Book	View	Log	Silylation oven (350051)
~~Book~~	View	Log	Spinner #2 (350123)
~~Book~~	View	Log	Spinner #3 (350126)
~~Book~~	View	~~Log~~	Sputterer (350115)
Book	View	~~Log~~	Substrate thinning station (350128)
~~Book~~	View	Log	Surface profiler Dektak (350120)
~~Book~~	View	Log	Surface profiler Tencor (350091)
Book	View	~~Log~~	Wafer thinning system - WaveEtch (350114)

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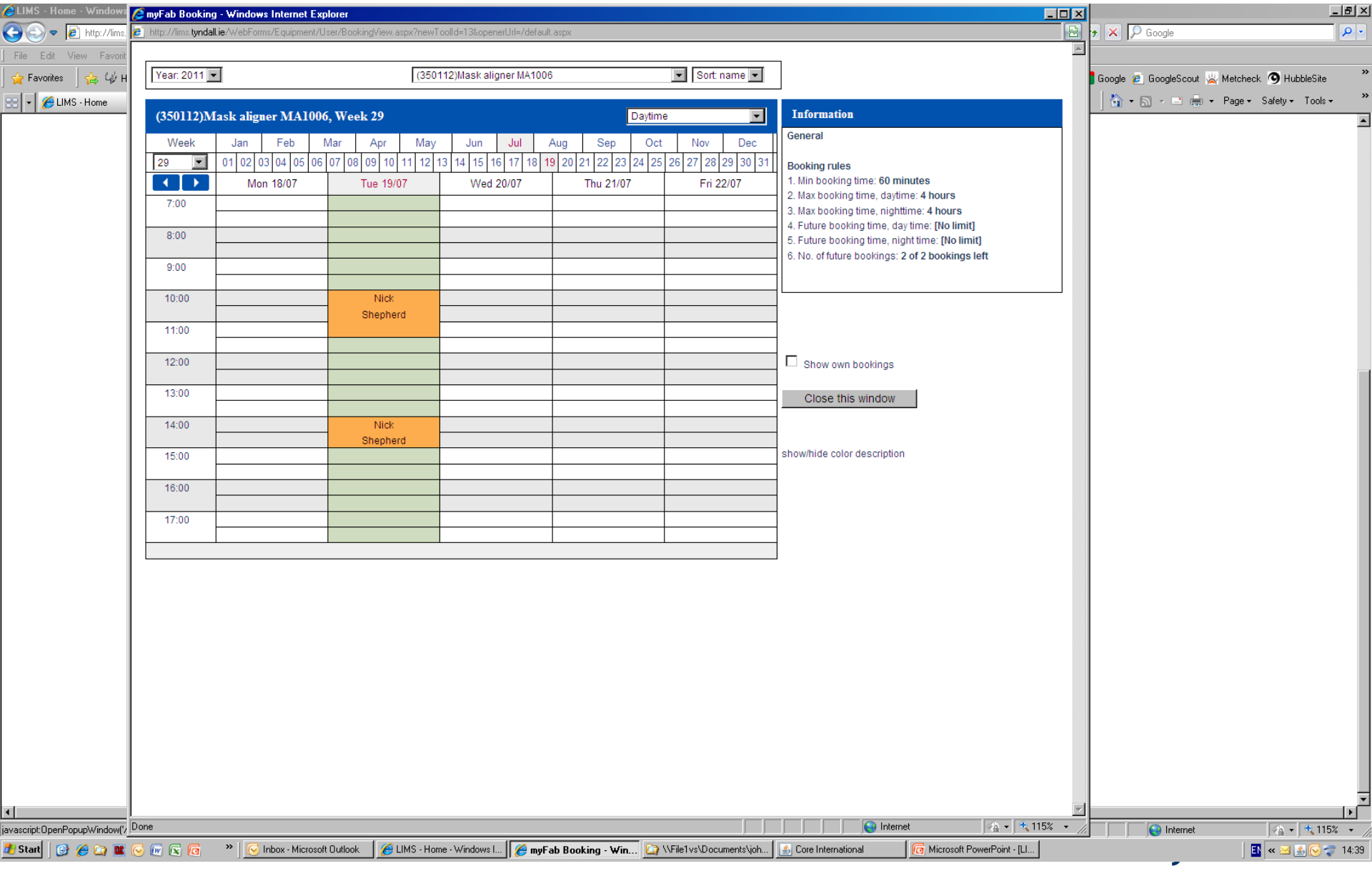
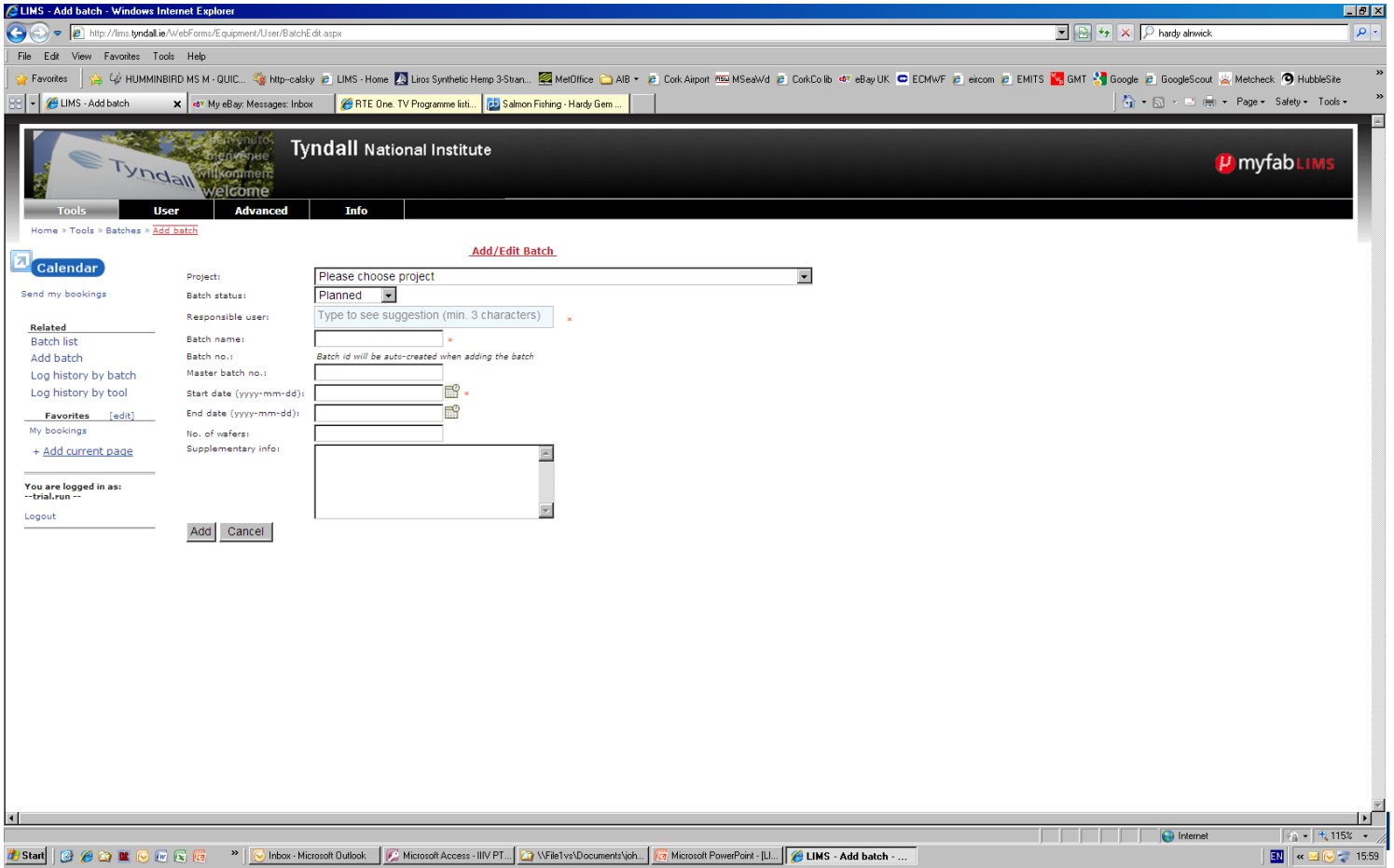


Batch numbers

- Batch numbers are optional but useful for tracking.
- From your home page go to Tools>Batches>Add batch
- Fill in required and optional details and click Add



- Training
- Booking
- **Logging**

  - A job must be logged after it has been processed for tracking, process control, and accounts purposes.
  - From your home page go to Tools>Log>Log status
  - Click on Log next to job that you wish to log
  - Fill in details on Log form, and click on Save as ‘Completed’

IIIV Fabrication - LIMs induction

LIMS - [Log for booked tools] - Windows Internet Explorer

http://lims.tyndall.ie/WebForms/Equipment/User/Log.aspx?bookingId=130

File Edit View Favorites Tools Help

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Tools | User | Advanced | Info

Home » Tools » Log » [Log for booked tools]

Log for booked tools

Calendar

Send my bookings

Related
- Log status
- [Log for booked tools]
- Log history by tool
- Log history by batch

Favorites [edit]
- My bookings

You are logged in as:
--trial.run --

Logout

Mask aligner MJB3 (350040)

Booked time: 05 jul 09:00 - 12:30

Project: ESA European Schottky - ESTEC / Contract No. 22008/08/NL/GLC

Batch No: Verify

Log start time: 2011-07-05 09:00

Log end time: 2011-07-05 12:30

Problems during run

(If checked, supplying supplementary info about what went wrong is required Also, any required log fields are changed to optional)

Customer name:

Resist used:

Mask ID:

Supplementary Information:

- Change status or message for this tool (current status: Available)

Save as 'Started' Save as 'Completed'

Tracking

- You can use batch numbers by going to Home » Tools » Batches » Log history by batch.
- You can search for jobs done on a specified tool, i.e. Home » Tools » Log » Log history by tool
- Similarly for bookings, i.e. Home » Tools » View bookings » All bookings

IIIV Fabrication – LIMs induction

- You can only book tools that on which you have a ‘licence’.
- You can only book tools to projects that you are a ‘member’ of.
- Project Leaders can add members.
- You must book all work, bookings can be made retrospectively.
- You must log all work. No booking is possible if non-logged work over a week.
- LIMs manual available at homepage>info>general documents, as well as fab induction and particle counts.
- Also more information available under Info>Tool documents such as operating procedures, process information, etc.
- This library will be built up in future.

- **Remember – Book all work, Log all booked and completed work**

Charges

LIMs - Necessary to charge all tool usage for selected equipment by the hour.

Tool	Rate	Cost / Hr
Dielectric coater	D	86
ICP etcher - Oxford Inst.	E	93
ICP etcher - STS	E	93
Mask aligner MA1006	E	93
Mask aligner MA6	E	93
Mask aligner MJB3	C	69
Metal coater	E	93
PECVD	D	86
Spinner #2	C	69
Spinner #3	C	69
Sputterer	D	86
Monthly access		364
Project labour		56