

MX Industrial Update



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We are delighted to send you the first issue of our twice yearly 'ESRF MX Update' newsletter. Its aim is to keep industrial MX clients up to date with developments at the ESRF.

NEWS FROM THE INDUSTRIAL & COMMERCIAL UNIT

BIO CONVENTION IN CHICAGO, 3-6 MAY 2010

ESRF, together with its neutron sister institute Institut Laue-Langevin, will be at the international BIO convention in Chicago on 3-6 May 2010. This is the largest biotech conference in the world! Come and meet us on stand 3712 in the "France" Pavilion. For more information, look up the ESRF at <http://convention.bio.org/>.

'BEST CLIENT' OFFER

Did you know that by becoming an ESRF 'Best Client', you benefit from a 20% reduction on ALL our shift prices including Remote Access, and a 40% reduction on MXpress data collection for 'green' and 'yellow' samples? It is quickly cost effective and simple to set up. [Contact us](#) for more information.

DEWAR TRACKING

Use this powerful tool to track your dewar to, from and within the ESRF. [Read more](#)

WANT TO BE TRAINED TO GET THE BEST

HEADLINES

BIO CHICAGO, 3-6 MAY 2010

Come and see us!

10,000 MXPRESS SAMPLES!

The 10,000th sample has been analysed, thank you for making MXpress such a success!

ESRF NOW HAS THE CIR "AGRÉMENT"

French-based companies: save on taxes when you carry out proprietary research at the ESRF! [More info](#)

ESRF UPGRADE

Green light for the first phase of the Upgrade given by the ESRF Council in December 2009.

OUT OF OUR BEAMLINES?

Contact us to organise training at your site, at the ESRF or over the phone.

UPGRADE NEWS

180M€ of Upgrade investment will give eight new beamlines, enhancements to the Accelerator, instrument and detector developments, computing upgrades and extension of the Experimental Hall.

One of these eight beamlines will be an extensive automated sample evaluation platform, MASSIF, for Structural Biology. MASSIF will replace the ID14-1 & -2 end-stations and will streamline the evaluation of thousands of samples coming from challenging academia and industrial projects (for example, GPCRs and antibody complexes). [Read more](#)

NEWS FROM THE BEAMLINES

PILATUS 6M ON ID29 SOON

A 6M Pilatus pixel detector is due to be installed on ID29 in July 2010.

NEW DATA PROCESSING COMPUTERS

More processing power is now at your disposal: mx144, mx231 & mx29 replace britt, chico and vin for [data processing](#). Each has 8 processors and runs Redhat enterprise V5.

EDNA NOW INTEGRATED IN MXCUBE

Need to assess the quality of a crystal and predict how much data you can collect from it before it gets damaged by our intense X-rays? EDNA will help you quickly analyse test images and give a data collection strategy based on the size of your crystal and the properties of the beamline on which you are collecting data. [Read more](#)

AUTOMATIC DATA PROCESSING

Want to know quickly the quality of the data you are measuring? Automatic data processing is now available on the MX beamlines. Simply start your data collection with the “process & analyse data” box ticked in MXcube. [Read more](#)

NEW FEATURES IN ISPYB

Even more experiment parameters are now stored automatically in our beamline LIMS (<http://ispyb.esrf.fr>). You can access them by clicking on the image prefixes in the data collection tab. The results and analysis of X-ray fluorescence (XRF) spectra and absorption edge scans are now accessible from your ISPYB account. [Read more](#)

AUTOMATIC LOOP CENTERING

Want to reduce the time between the testing of two samples? Automatic loop centering is now launched immediately after each sample is auto-mounted. This is a great way to get close to your final centring position in a short amount of time. Particularly handy in Remote Access! [Read more](#)

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