

A large, white, stylized swoosh graphic that starts from the left side, curves upwards and then downwards, ending on the right side. It frames the title text.

How and where to apply for X-ray fluorescence beamtime

Jörg Schwenke
2018 February 15

How to apply for beamtime

1. Build your case
2. “Shop” for beamlines → Take note of deadlines
3. Contact beamline staff
4. Register as a user at the facility/facilities
5. Write the proposal → Beware of safety issues
6. Submit to multiple beamlines/facilities

User portals

Proposal submission : 20180021
General part

Step 1: General part
Step 2: Manage Beamtime Request
Step 3: Manage Beamline Setups and devices
Step 4: Initial sample declaration for proposal purposes

Step 5: Attach images
Step 6: Results from previous proposals
Step 7: Submit proposal

General part

Title (*)

Proposers

Main Proposer	Jörg Schwenke	[Select] [Remove]
Principal investigator	Jörg Schwenke	[Select] [Remove]
Co-Proposer		[Select] [Remove]

Experiment Category

Proposal Type (*) Normal

Research Area (*) - Select One -

Experiment Requirements

Schedule Preferences

Beamline/Station (*) - Select One -

Beamline status note: :undefined

Declaration of consent (*)

MAX IV requires that you and your coworkers comply to all the institute's safety rules and regulations while working on the premises. You must formally agree to this by checking the box on this proposal web form. A summary of the MAX IV safety guidelines can be found on [the user office page \(click to open\)](#).
I - as the first (main) author of this proposal - agree to be bound by MAX IV Laboratory's safety regulations applicable during any stay at MAX IV related to this proposal. I also agree to inform all other members from the team performing the experiment about these regulations.
Finally I declare that all specifications, which are made during the proposal submission are certainly true to the best of my knowledge. The samples that will be investigated during the experiment must correspond to sample declarations in the proposal. Any deviation and any additional samples must be declared to the local contact or the facility management well ahead of the experiment.

- Select One -

Abstract of the experiment proposed (*)

Abstract (max 5 lines)

Description of the experiment proposed (*)

Choose either option 1) or 2) to describe the experiment proposed:

Option 1: PDF upload	Option 2: Plain text
Download the template for the proposal structure. [Upload PDF here]	[Click here] to enable the textbox.

Previous experience from using synchrotron radiation

Do you have experience from performing experiments of the type described in the proposal? (*) - Select One -

Do you have experience from performing experiments at a synchrotron radiation facility? (*) - Select One -

Some XRF beamlines

Facility	Beamline	Energy range [keV]		Beam size [μm]		Webpage
MAX IV	NanoMAX	5	30	0.03 x 0.03	0.2 x 0.2	https://www.
MAX IV	SoftiMAX	0.275	2.5	0.02 x 0.02	20 x 20	https://www.
MAX IV	Balder	2.4	40	100 x 100	2000 x 9000	https://www.
ESRF	ID10	7	30	300 x 10	1000 x 500	http://www.
ESRF	ID13	7	30	0.1 x 0.1	20 x 20	http://www.
ESRF	ID21	2.1	9.2	0.7 x 0.3	2 x 2	http://www.
ESRF	ID27	20	90	2.7 x 1.7	4 x 1	http://www.
ESRF	BM16	4.8	20	200 x 100	200 x 100	http://www.
ESRF	BM23	5	75	3 x 3	13000 x 1000	http://www.
ESRF	BM30B	4.8	40	200 x 100	200 x 100	http://www.
DIAMOND	I08	0.25	4.2	0.02 x 0.02		http://www.
DIAMOND	I14	5	25	0.05 x 0.05		http://www.
DIAMOND	I18	2.05	20.5	2 x 1.8	7 x 1.8	http://www.
DIAMOND	B14	2.05	35	200 x 250		http://www.
SOLEIL	DIFFABS	3	23	10 x 10	250 x 300	https://www.
SOLEIL	LUCIA	0.6	8	1 x 3		https://www.
SOLEIL	MARS	5	36	15 x 15	300 x 300	https://www.
SOLEIL	NANOSCOPIUM	5	20	0.1 x 0.1	1 x 1	https://www.
SOLEIL	PUMA	4	60	3 x 1.5	20000 x 12000	https://www.
SOLEIL	SIRIUS	1.4	13	600 x 1400	1000 x 1700	https://www.

Facility	Beamline	Energy range [keV]		Beam size [um]		Webpage
SWISS LIGHT SOURCE	SuperXAS	4.5	35	0.1 x 0.1	5000 x 500	https://www
SWISS LIGHT SOURCE	PHOENIX	0.8	8	2.5 x 2.5		https://www
SWISS LIGHT SOURCE	microXAS	3	23	1 x 1		https://www
PETRA III	P01	2.5	80	4 x 7	3000 x 1000	http://photo
PETRA III	P02	8.6	100	2 x 2	600 x 900	http://photo
PETRA III	P06	5	50	0.08 x 0.08	0.5 x 1.5	http://photo
ELETTRA	TWINMIC	0.4	2.2	0.05		https://www
ELETTRA	X-Ray Fluorescence	2	14			https://www
BESSY II	BAMline	5	100			https://www
BESSY II	KMC-2	4	15	5		https://www
BESSY II	mySpot	6	30	1.5	20	https://www
APS	2-ID-D	5	30	0.2 x 0.2		https://www
APS	2-ID-E	7	0.5	0.5 x 0.3	2000 x 2000	https://www
APS	9-ID-B,C	4.5	30		1500 x 800	https://www
APS	13-ID-E	2.4	28			https://www
APS	34-ID-E	7	30	0.3 X 0.3		https://www
ALS	10.3.2	2.1	17	0.8 x 1.1	8 x 5	https://sites.
NSLS-II	3-ID	6	25	0.01 x 0.01	0.03 x 0.03	https://www
NSLS-II	4-BM	4	20	1 to 10	1000	https://www
NSLS-II	5-ID	4.65	25	0.5 x 0.5		https://www
Australian Synchrotron	X-ray Fluorescence Micro	4.1	20	1 x 5	50 x 200	http://www.:

You'll be back!

