

FSF Laboratory Application Form

For equipment calibration and characterisation.

Please complete and return to: fsf@nerc.ac.uk

It is a condition of lab access that all applicants are expected to present the results of their research at the FSF Users meeting, and all publications arising as a direct result of your loan should fully acknowledge the support of the facility. Failure to do so may jeopardise future loans.

1. Principal Investigator (P.I.) / Applicant

Name of PI:
Status/job title:
Address:
Telephone:
Email:

2. User (if different from applicant)

User (if different from PI):
Status/job title:
Address:
Telephone:
Email:

3. Laboratory resources and calibration standards.

Please select the resources / standards you wish to use. Detailed information regarding our calibration standards is available on our website at <http://fsf.nerc.ac.uk>

Resource / standard	Wavelength range	
FSF laboratory with optical table and mounts		<input type="checkbox"/>
FSF Support & training		<input type="checkbox"/>
FSF Primary radiance standard (NPL calibrated)	350 – 2500 nm	<input type="checkbox"/>
FSF Radiance standards	350 – 2500 nm	<input type="checkbox"/>
FSF Primary irradiance standard (NPL calibrated)	250 – 2500 nm	<input type="checkbox"/>
Calibrated diffuse reflectance panel	250 – 2500 nm	<input type="checkbox"/>
Midac FTIR spectrometer with BB sources	5000 – 700 cm ⁻¹ (2.0 - 14.5 μm)	<input type="checkbox"/>
FSF Black body standards (high temperature & extended area)		<input type="checkbox"/>
Double monochromator with QTH & LHLS sources	300 – 2200 nm	<input type="checkbox"/>
Spectral emission line lamps (Hg, Ar, Xe, Ne, Kr)		<input type="checkbox"/>
X-Y Motorised stage		<input type="checkbox"/>

Application:	Details	
Calibration		<input type="checkbox"/>
Characterisation		<input type="checkbox"/>
Inter-comparison		<input type="checkbox"/>

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4. Is training required? (NB it is a condition of access to the laboratory that all person USING undergo training and supervision during their first visit)

YES

NO

Refresher course

5. Preferred dates for access to the laboratory:

6. Research project title:

7. Project Funding: Please indicate the source and value of your project funding.

8. Details of equipment for calibration / characterisation / inter-comparison: Please provide information on any equipment you are bringing. Please also state here how this equipment is used within your research.

9. Methodology:

Please briefly outline your intended methodology.

10. Will this laboratory work feed into a larger FSF application?

YES

NO

If yes, are you intending to apply to our June 1st Deadline or our November the 1st Deadline?

11. Declaration

Signature of PI: _____ Date _____