

# Experiment Proposal

Experiment number GP2023001

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**Co-investigator (\*)** Professor Roberto Senesi, University of Rome Tor Vergata, ITALY  
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**Co-investigator** Dr Letizia Monico, CNR, ITALY  
**Co-investigator**  
**Co-investigator**  
**Experiment title** Raman Confocal Microscope investigation of artefacts for training students on the characterisation of structural and spectroscopic properties

<b>Training MRF</b>	<b>Raman Confocal Microscope</b>	<b>Hours requested:</b> 2
<b>Access Route</b>	Direct Access	<b>Previous GP Number:</b> No
<b>Science Areas</b>	Cultural Heritage, Materials	<b>DOI:</b> -
<b>Sponsored Grant</b>	None	<b>Sponsor:</b> -
<b>Grant Title</b>	-	<b>Grant Number:</b> -
<b>Start Date</b>	-	<b>Finish Date:</b> -
<b>Similar Submission?</b>	-	
<b>Industrial Links</b>	-	

**Non-Technical Abstract** We propose a 2 hours virtual training on the use of MRF1, including basic tutorials on the analysis of artefacts, addressed to students attending PhD Academy (11/2023 at VIU in San Servolo Island, Italy) - 1 hour in-person Lecture (a scientist from IM@IT Facility); Abstract: MRFs and LSFs tools, techniques, services, and training opportunities available for a broad academic & industrial user communities - 1 hour of virtual lecture (on zoom) of IM@IT neutron beamline at ISIS Facility (UK) (a scientist based at ISIS Facility); Abstract: A virtual tour of INES and IMAT- 1 hour virtual tour (on zoom) to show students the suite of MRFs located at the Univ. of Florence (Lecturer: a scientist of IM@IT Facility based at Univ. of Florence); Abstract: A virtual Tour of MRFs suite - 1 hour virtual experiment (on zoom) to show students the use of one MRF1 located at the Univ. of Florence

## Publications

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### ISIS neutron and muon source

**Instruments**  
**Access Route**  
**Science Areas**  
**Sponsored Grant**  
**Grant Title**  
**Start Date**  
**Similar Submission?**  
**Industrial Links**

**IM@IT E-platform:** No

**Days Requested:**  
**Previous RB Number:**  
**DOI:**  
**Sponsor:**  
**Grant Number:**  
**Finish Date:**



## Sample record sheet

**Principal contact** Professor Roberto Senesi, University of Rome Tor Vergata, ITALY  
**Training Instrument** **Raman Confocal Microscope** **Hours Requested: 2**  
**Special requirements:**

### SAMPLE

<b>Material</b>	-	-	-
<b>Formula</b>	-	-	-
<b>Forms</b>			
<b>Volume</b>			
<b>Weight</b>			
<b>Container or substrate</b>	-	-	-
<b>Storage Requirements</b>	-	-	-

### SAMPLE ENVIROMENT

<b>Temperature Range</b>	-	-	-
<b>Pressure Range</b>	-	-	-
<b>Magnetic field range</b>	-	-	-
<b>Standard equipment</b>	-	-	-
<b>Special equipment</b>	-	-	-

### SAFETY

<b>Prep lab needed</b>	-	-	-
<b>Sample Prep Hazards</b>	-	-	-
<b>Special equip. reqs</b>	-	-	-
<b>Sensitivity to air</b>	-	-	-
<b>Sensitivity to vapour</b>	-	-	-
<b>Experiment Hazards</b>	-	-	-
<b>Equipment Hazards</b>	-	-	-
<b>Biological hazards</b>	-	-	-
<b>Radioactive Hazards</b>	-	-	-
<b>Additional Hazards</b>	-	-	-
<b>Additional Details</b>	-	-	-
<b>Sample will be</b>	-	-	-

