Beamtime Application System Manual
via https://user.slri.or.th



User Service Section
Organization Strategy Division
Synchrotron Light Research Institute
(Public Organization)

Preface

The Synchrotron Light Research Institute (Public Organization), or SLRI, has a mission to conduct research, promote utilization, and provide synchrotron light services to support national research and innovation. To facilitate the beamtime application process for users from government agencies and academic institutions, SLRI has developed the *Beamtime Application System (BeamApp) Manual* to enhance accessibility and provide a more convenient experience for users applying for beamtime via the online submission system.

This *BeamApp Manual* is designed to guide users through the features and functions of the beamtime application system for effective use. It introduces the processes of SLRI user registration, project submission, beamtime allocation, and experimental report submission. We hope that this manual will help users utilize BeamApp efficiently and enjoy a more convenient and productive research experience.

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User Service Section
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4 October 2025

Table of Content

Page no.

1. Log in/Register/Forget Password 1

2. Beamtime Application 5

3. Beamtime Allocation 16

4. Experimental Report 20

Beamtime Application System: BeamApp

1. Log in/Register/Forget Password

1.1 Enter BeamApp by entering at https://user.slri.or.th/.

1.2 In case of user, please follow the steps.

1.2.1 Fill Username and Password to enter BeamApp as shown in Figure 1.

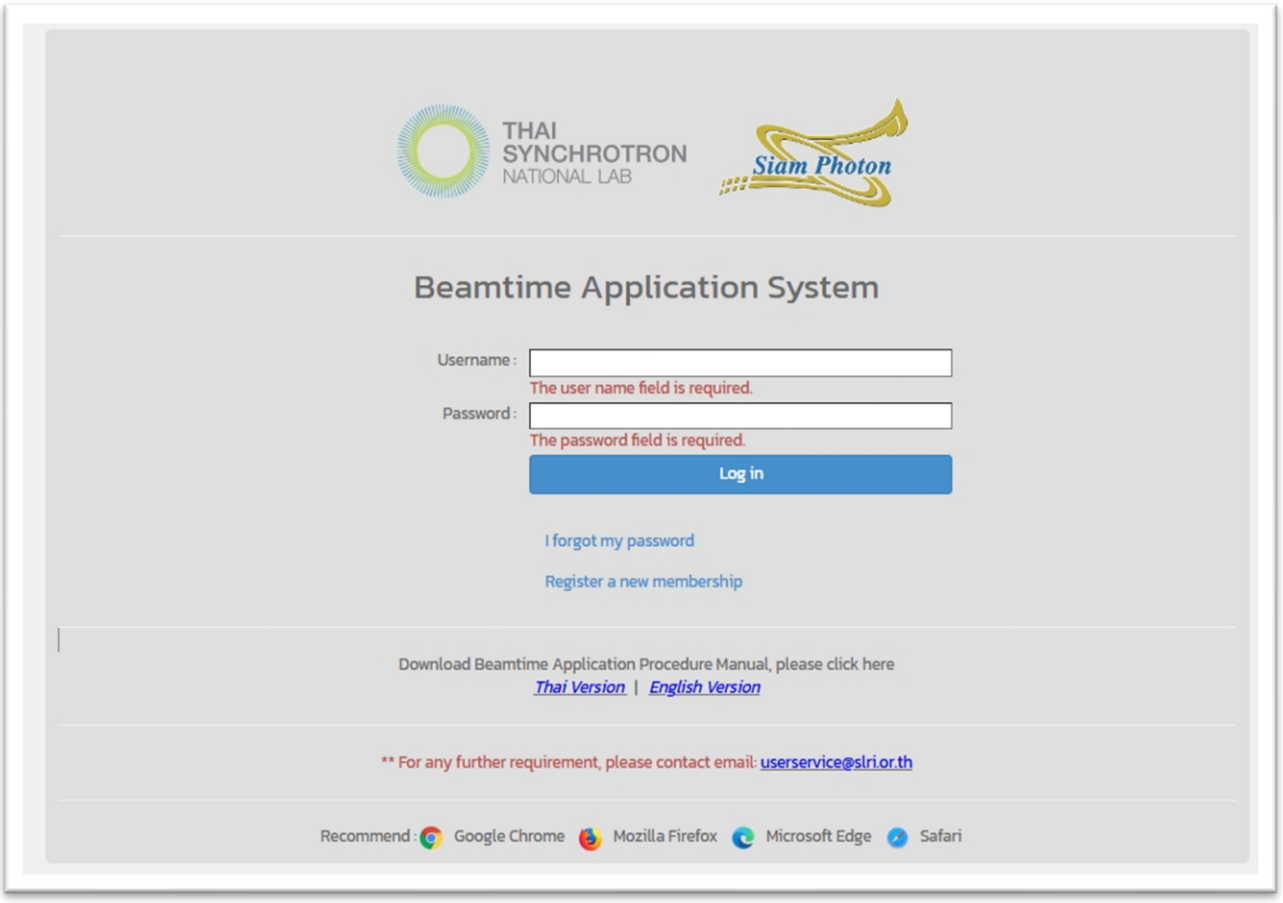


Figure 1 Log in page

1.3 In case of new user

1.3.1 Click **“Register a new membership”** as shown in Figure 2.

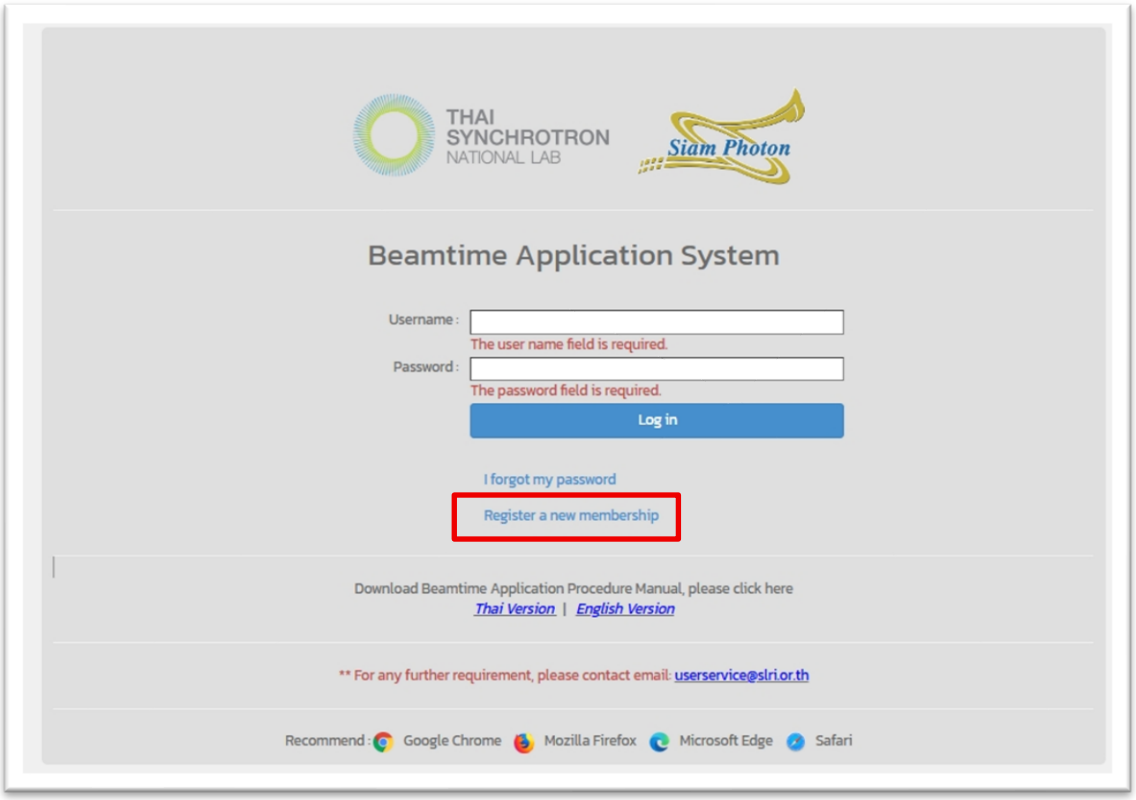


Figure 2 Register for a new membership

1.3.2 Fill in “**Personal Information**” and “**Other Information**” for new user.

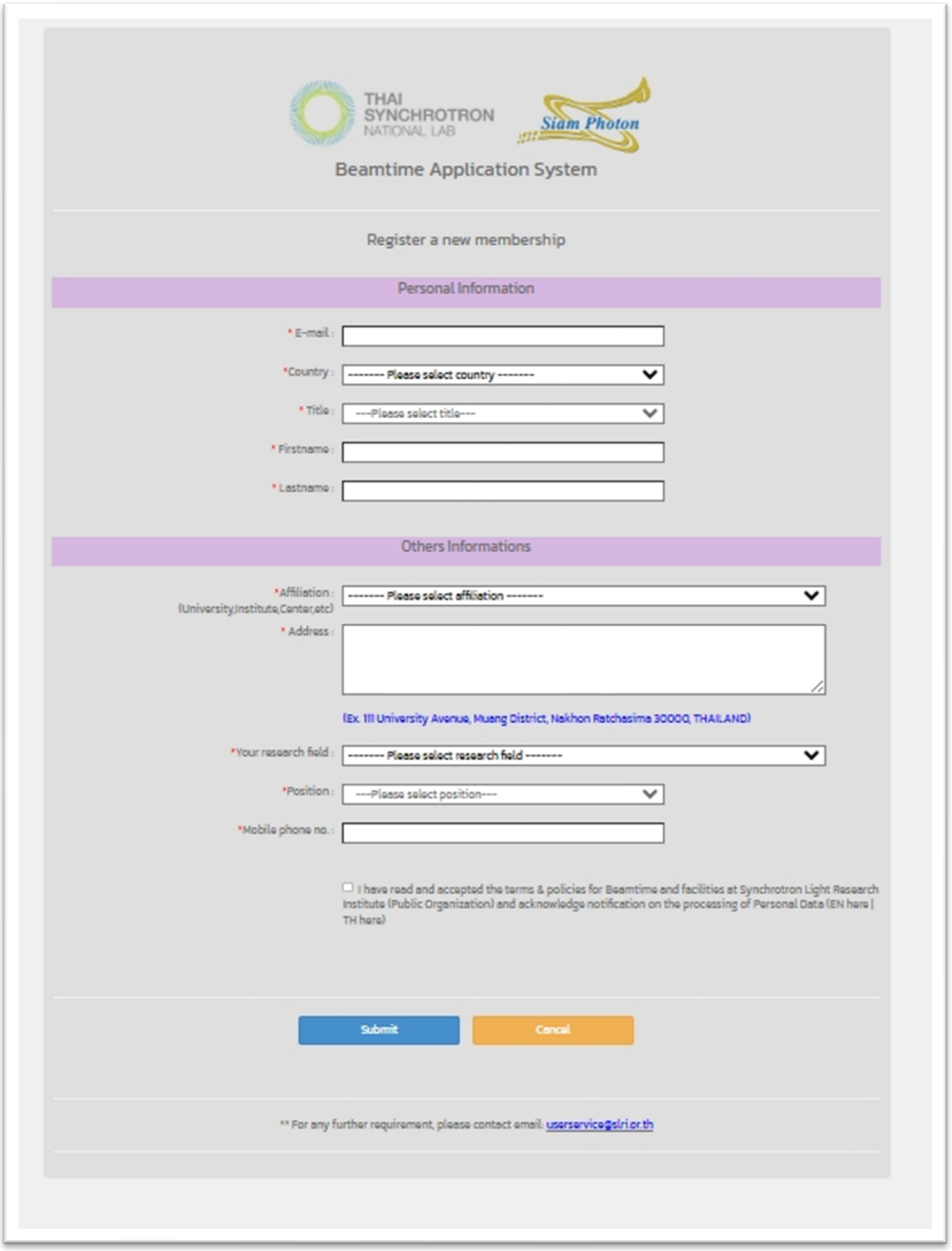


Figure 3 Registration Information

1.3.3 In case of forgetting the password

- Click **“I forgot my password”** as shown in Figure 4.

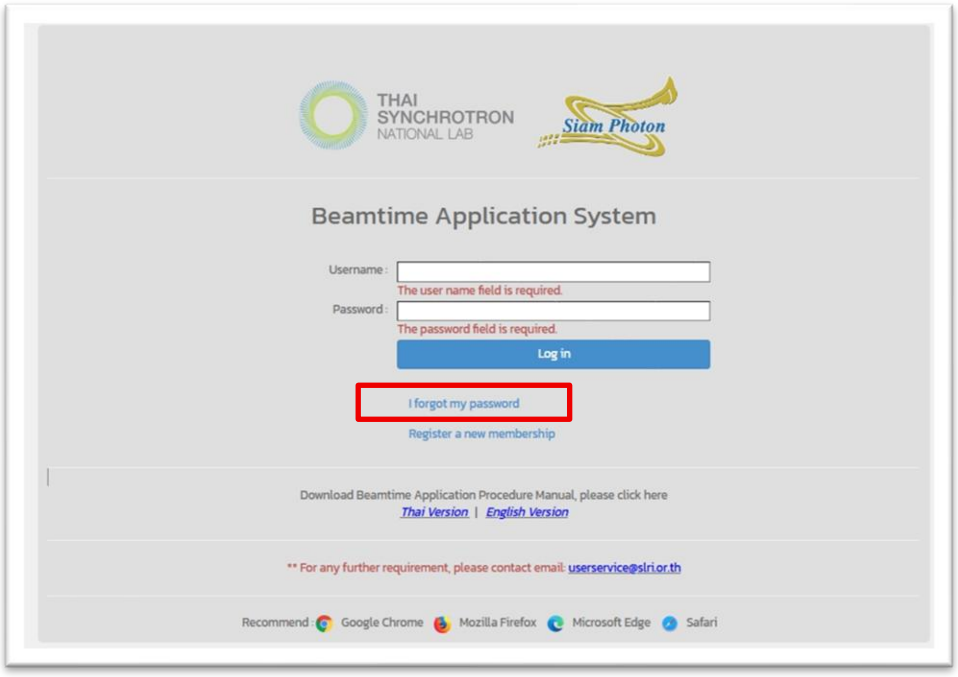


Figure 4 Forget password

- Fill in your e-mail (the e-mail which you gave to the system since registration) for receiving the new password as shown in Figure 5

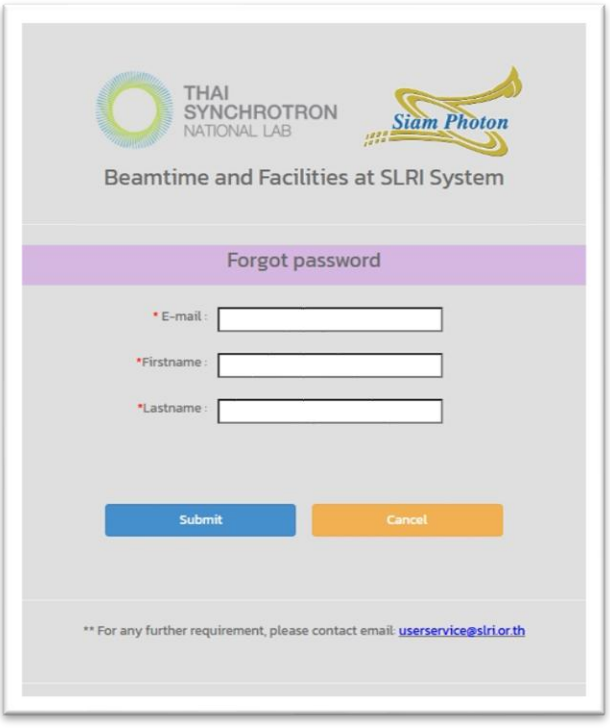


Figure 5 Fill in information for receiving the new password

2. Beamtime Application

2.1 User can apply for beamtime application at SLRI, click “**Apply for beamtime**” as shown in Figure 6.

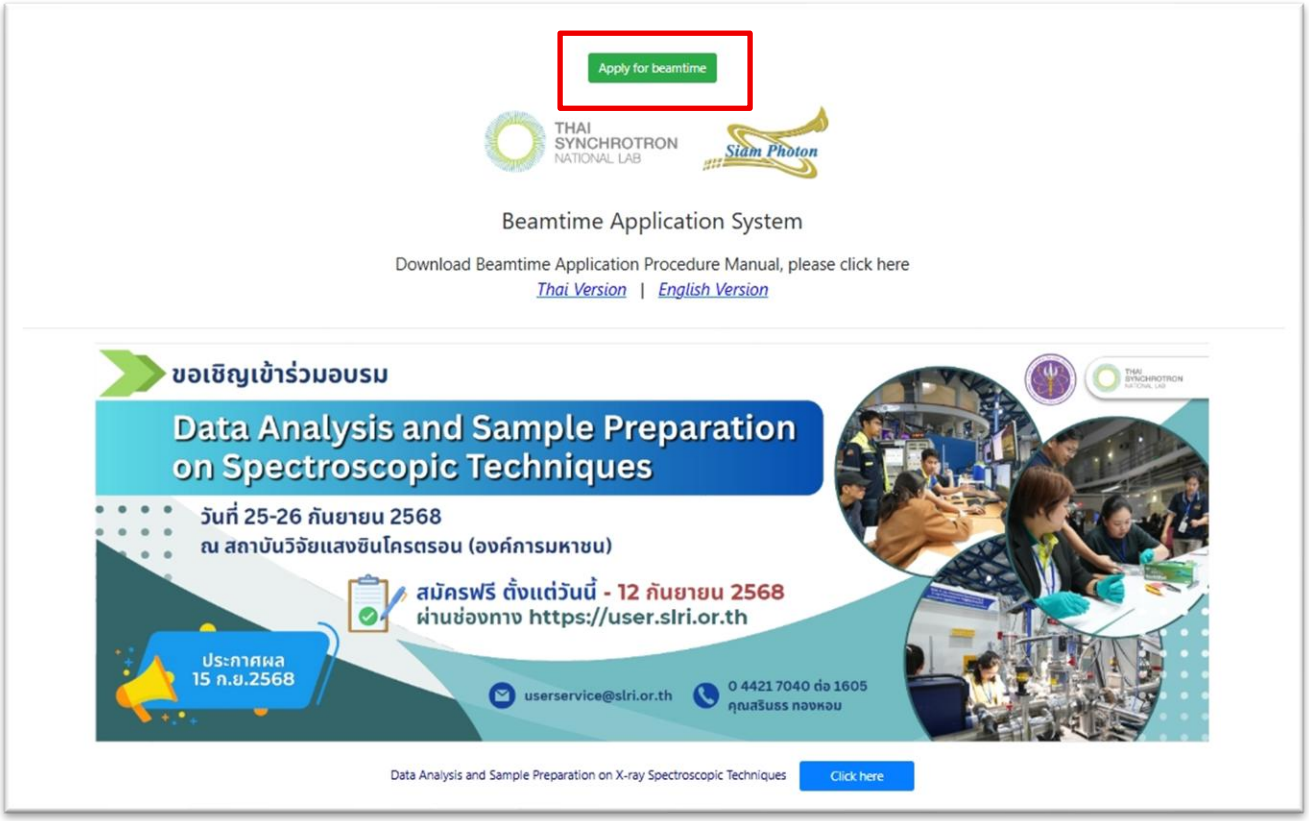


Figure 6 Main page for apply for beamtime

2.2 SLRI has informed user of **" Terms & Policies"**, If you agree regarding Synchrotron light service. User is required to accept these **"Terms & Policies"** before submitting your project.

2.2.1 If you agree, select **"I agree to the Terms & Policies"** and click **"Submit"** to proceed the beamtime application submission.

2.2.2 If you are do not agree, select " **Cancel"** (User will not be able to submit the project to SLRI) as shown in Figure 7.

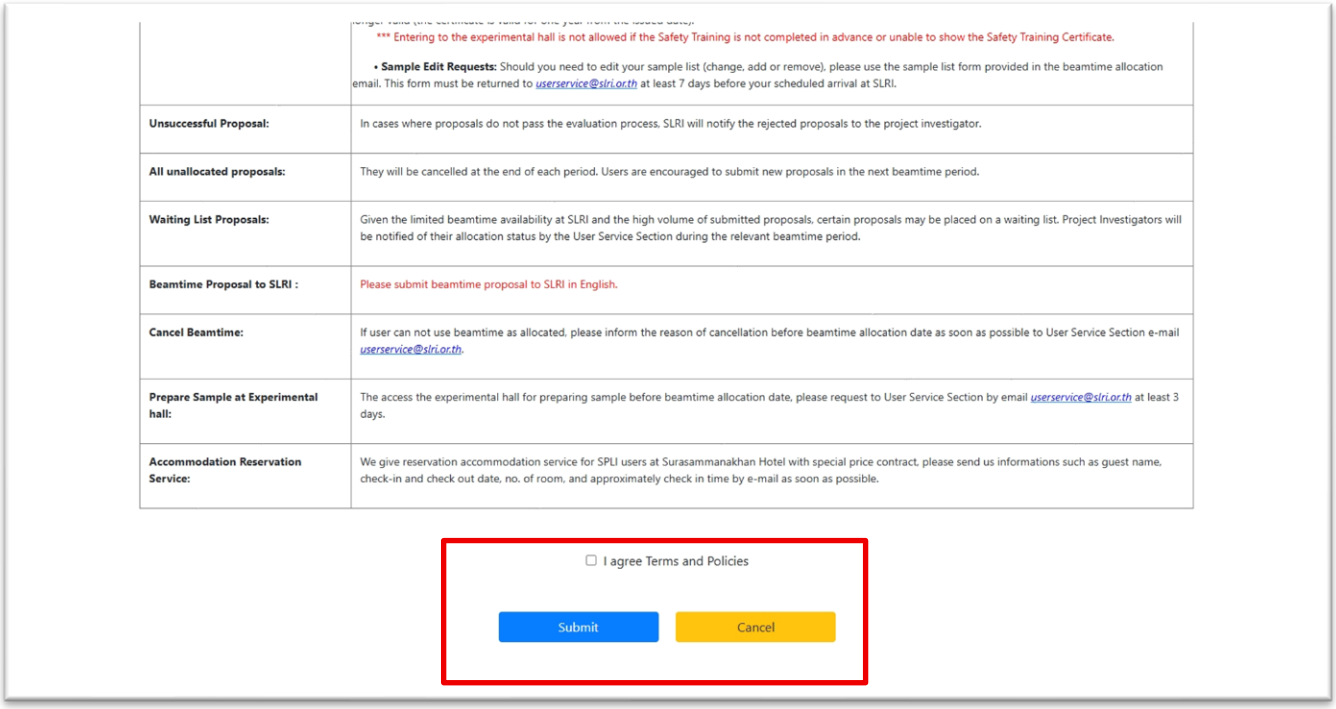


Figure 7 Terms & Policies

2.3 Fill in the information for your project

2.3.1 **“User Information”** includes

- User Information: Personal information of user who created the project.
- Principal Investigator (P.I.) Information: If user is a student, the principal investigator must be his or her supervisor. User is required to specify the supervisor’s information, click **“Select new P.I.”**
- Request for a Confirmation Letter of Beamtime Allocation: If user requires for the Synchrotron beamtime allocation results letter.
- For SLRI User: Internal Project: This project type is provided for SLRI scientist user, click to specify **“Internal Project”** as shown in Figure 8

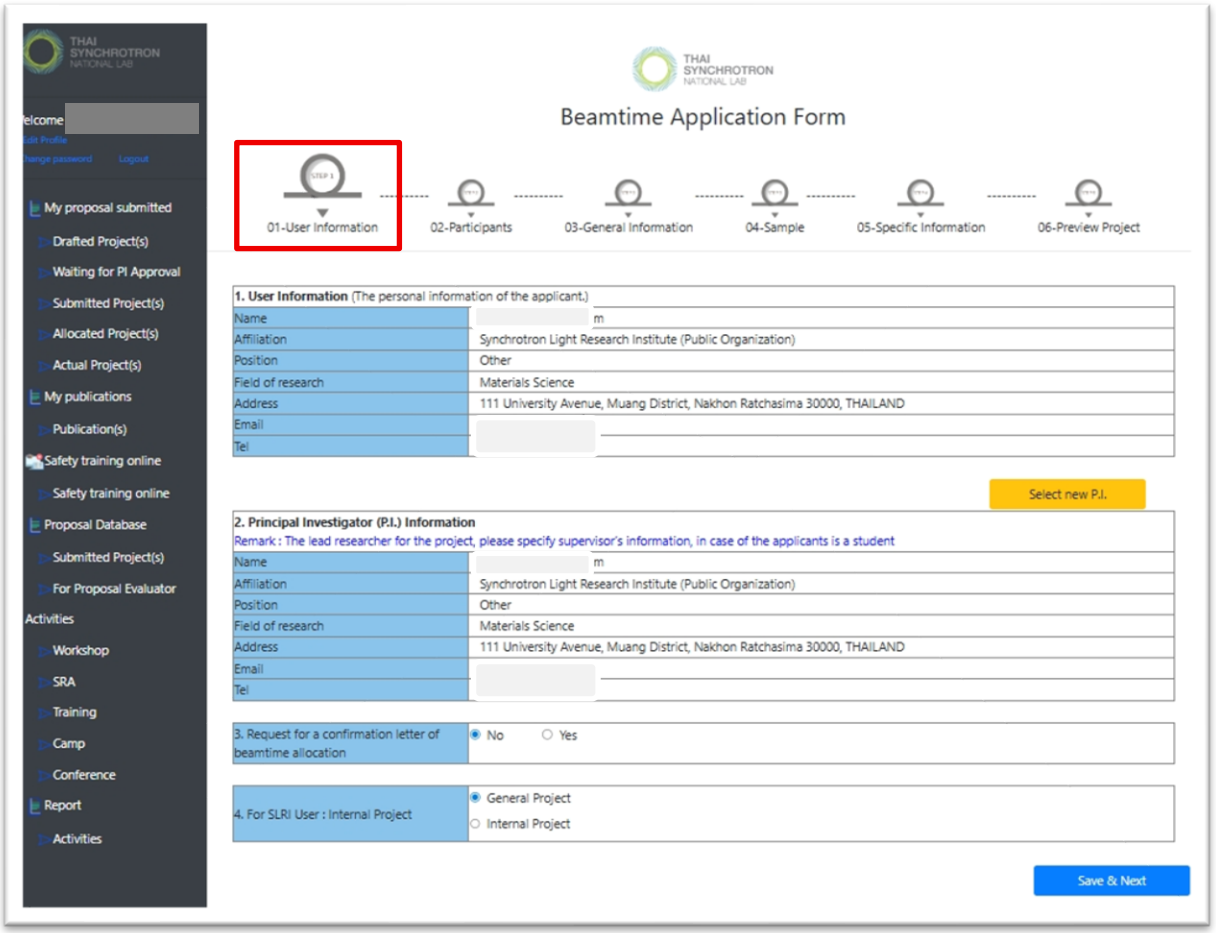


Figure 8 “User Information”

2.3.2 Information regarding **“Participant”, p**lease follow the steps below;

- Click **“Add Participant”** to select the participant
  1) Only participants who have registered in BeamApp will be displayed and available for selection.
  2) New users must register as user as described in Step 1.3.
- Click **“ Add SLRI collaborator”** If a user collaborates with an SLRI scientist and requires the SLRI scientist to serve as the local contact during beamtime at SLRI, proceed as shown in Figure 9.

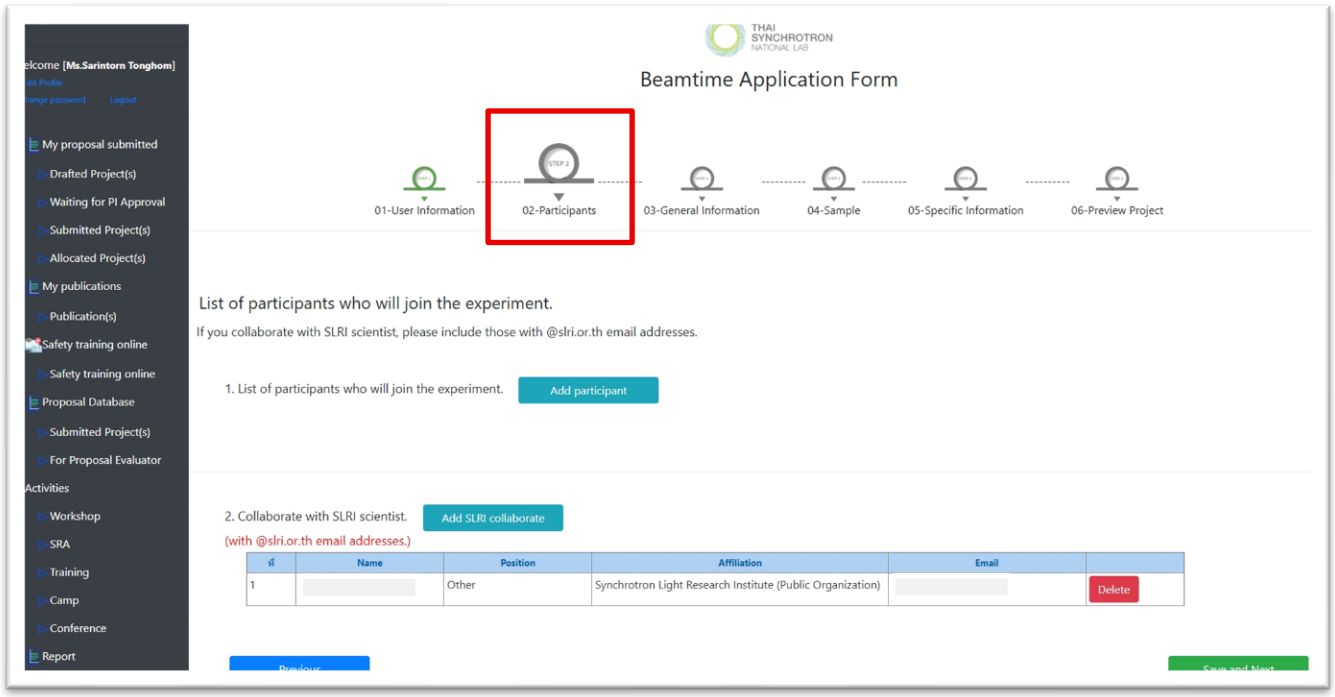


Figure 9 “Participant”

- To search for the list of participants, click “Search” and proceed the next step.
    1) Fill Name/Surname/e-mail and click **“Search”**
    2) Click **“Select”** to add participant in application form as shown in Figure 10

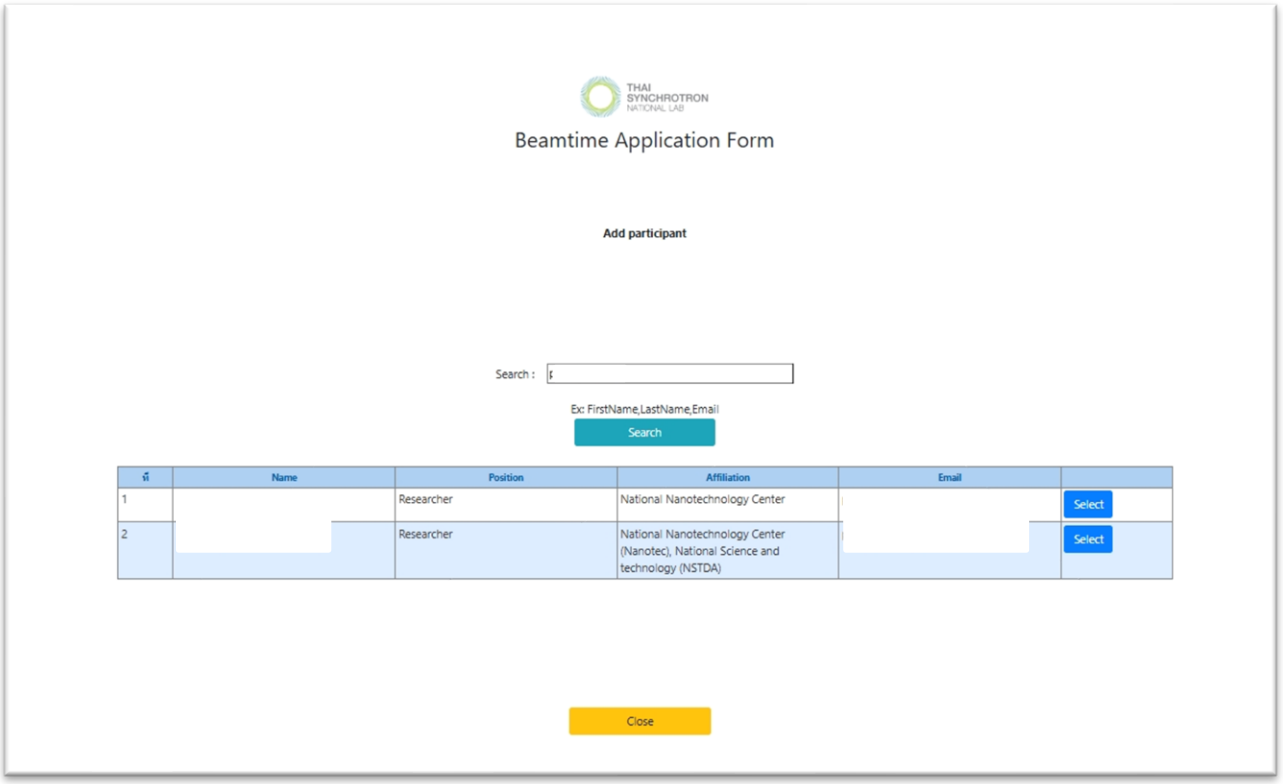


Figure 10 Search for the list of participants

2.3.2 **“General Information”** as shown in Figure 11 includes

- Project Type: New project
- Type of beamtime for applying proposal:
    1) General
    2) Feasibility study
- Can this project be applied to industrial sectors or linked to industries?
- Beamtime period to apply
- Technique
- Proposal title (Eng)
- Proposal title (Thai, if any)
- Research Clusters
- An estimated number of shift(s)
  (1 shift = 11 hours)
- Preferred date for experiments
- Alternative date for experiments
- Background of the proposal
- Objective
- Expected outcome of the proposal
- Your publication(s) using synchrotron characterization for the last 3 years

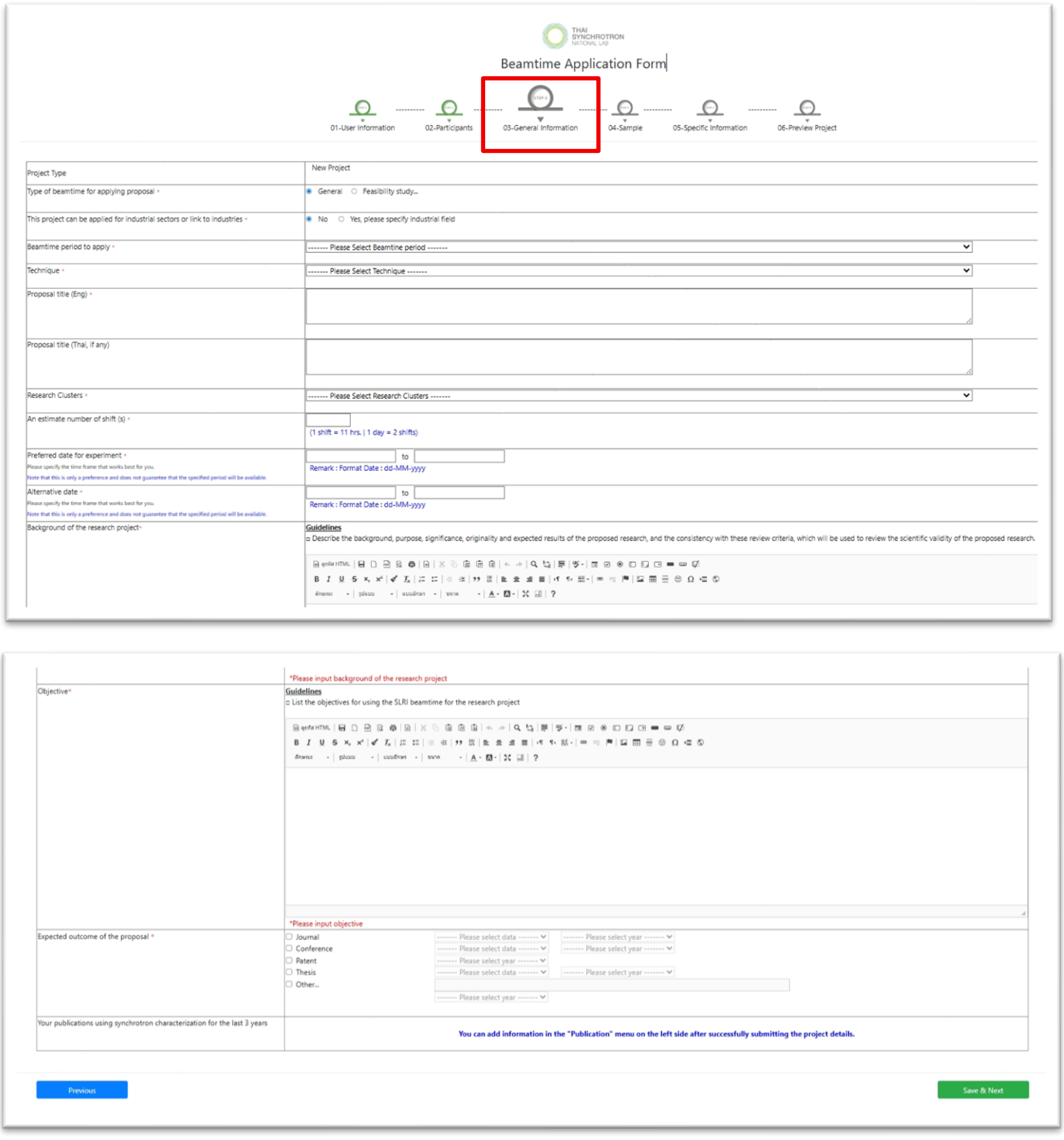


Figure 11 “General Information”

2.3.3 **“Sample”** As shown in Figure 12, user must complete the sample list by providing all relevant information and techniques based on the “General Information.”

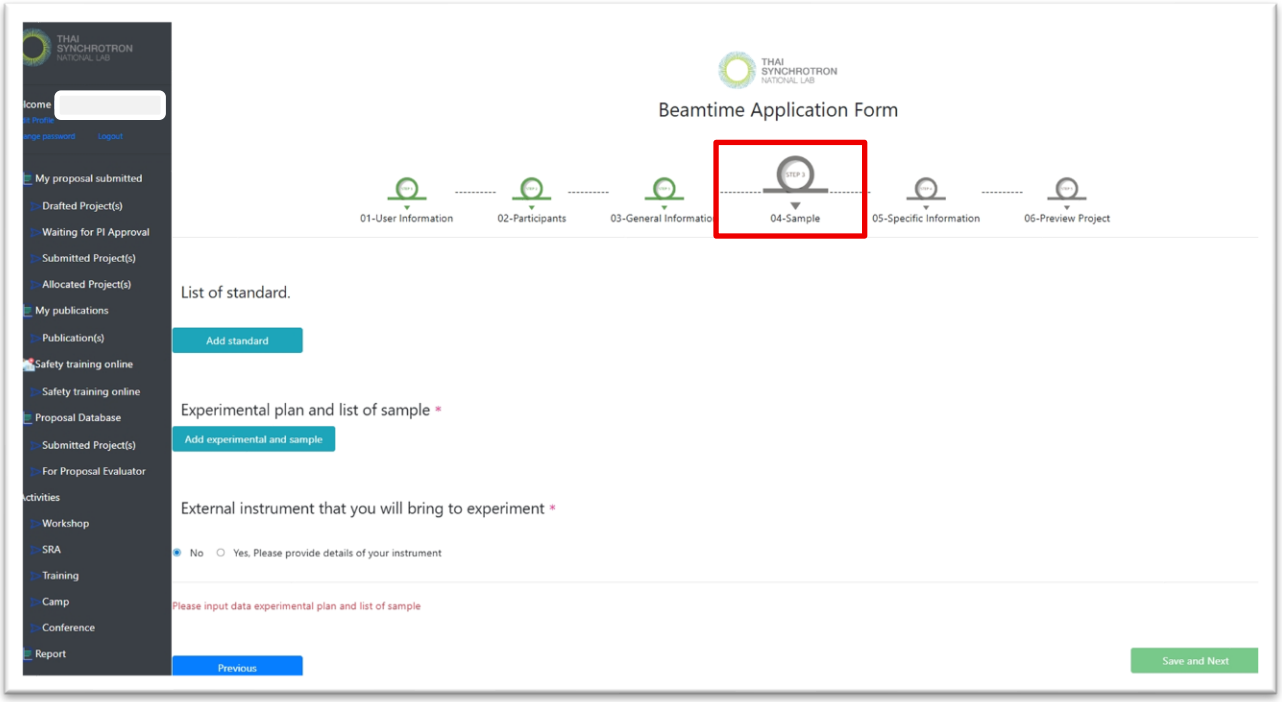


Figure 12 “Samples” Information

2.3.4 **“Specific Information”** is an example of the XAS technique. User is required to complete all the information according to the technique selected in the “General Information” as shown in Figure 13.

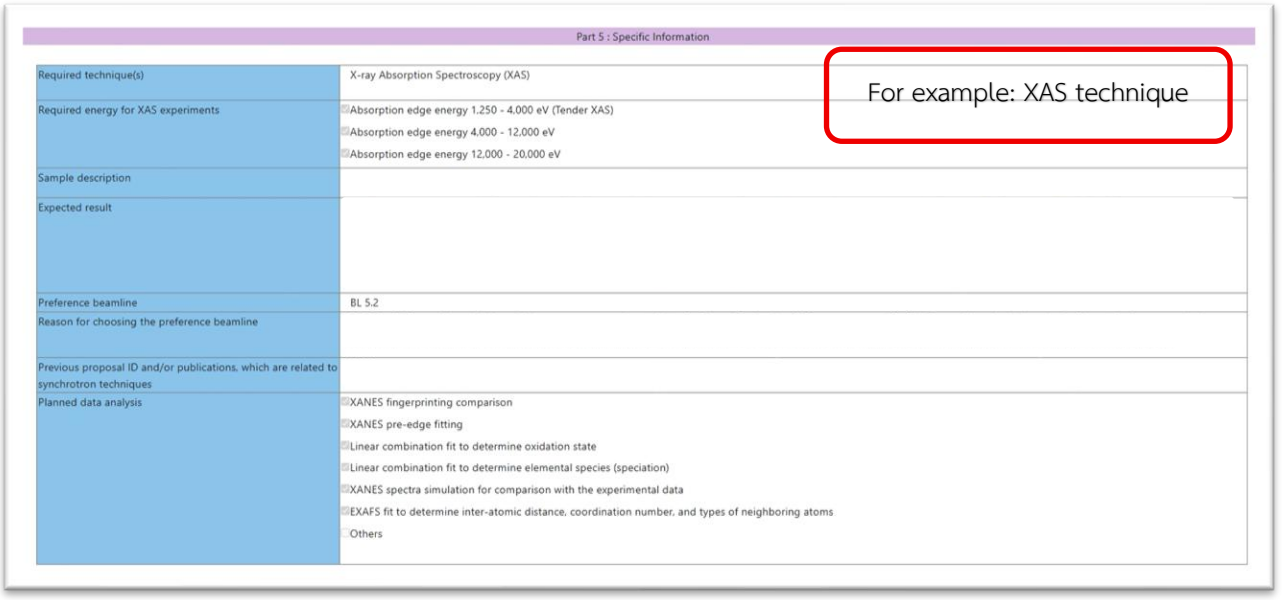


Figure 13 “Specific Information”

2.3.5 **“Preview”** displays the details of all project information for user to review before submitting to BeamApp. Click **“Submit proposal to SLRI”** as shown in Figure 14.

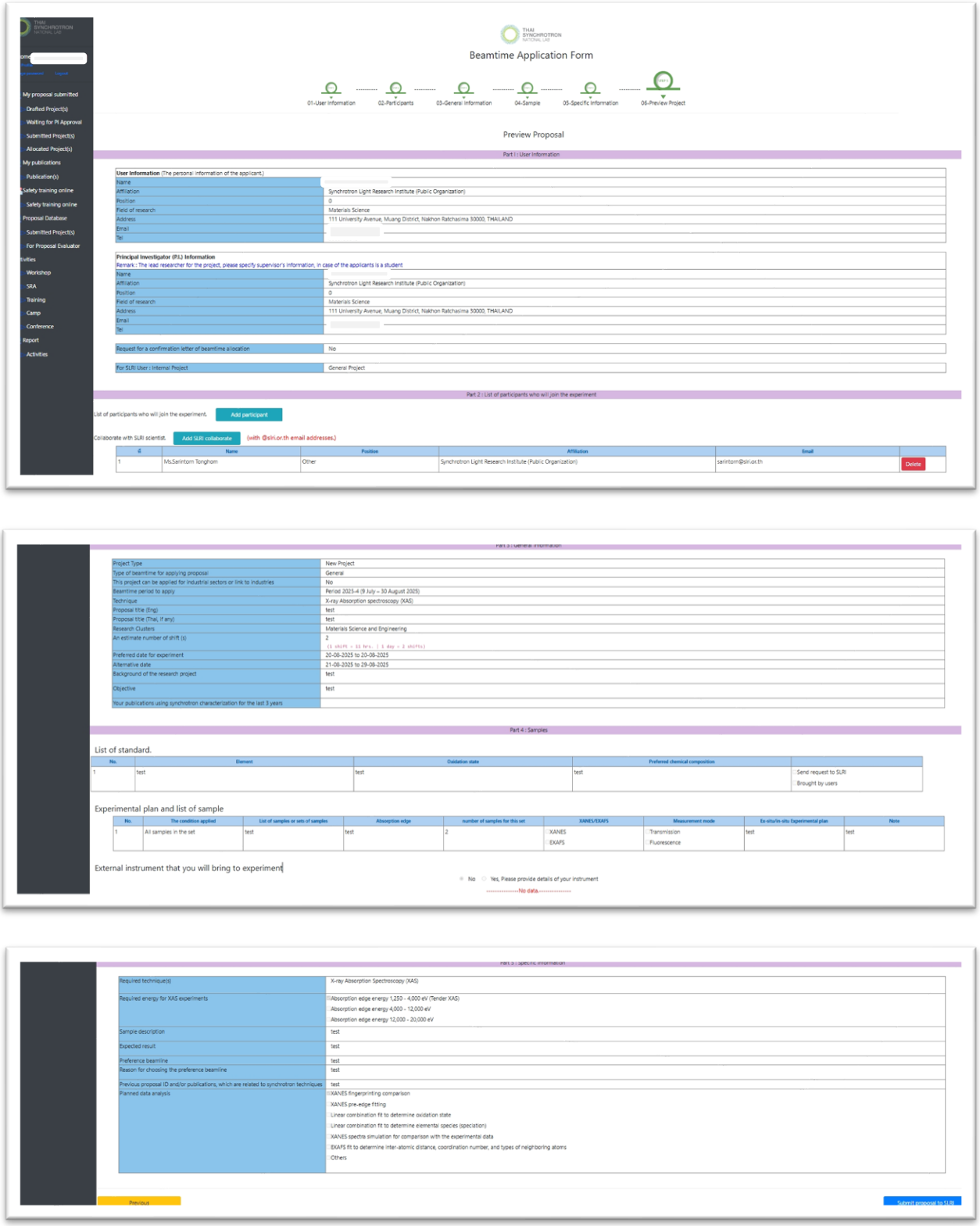


Figure 14 “Preview” the Project Information

2.3.6 After submission, user can view all submitted projects at the menu on the left, under **"Submitted Project(s)"**

2.4 In the case where the project proponent is a student, a principal investigator (P.I.) must be an advisor, and the project must be approved by the student's advisor as follows.

2.4.1 Click **"Waiting for P.I. Approval"** to consider the project "waiting for the P.I. Approval"

2.4.2 Click  **"Action"** to approve the project, as shown in Figure 15.

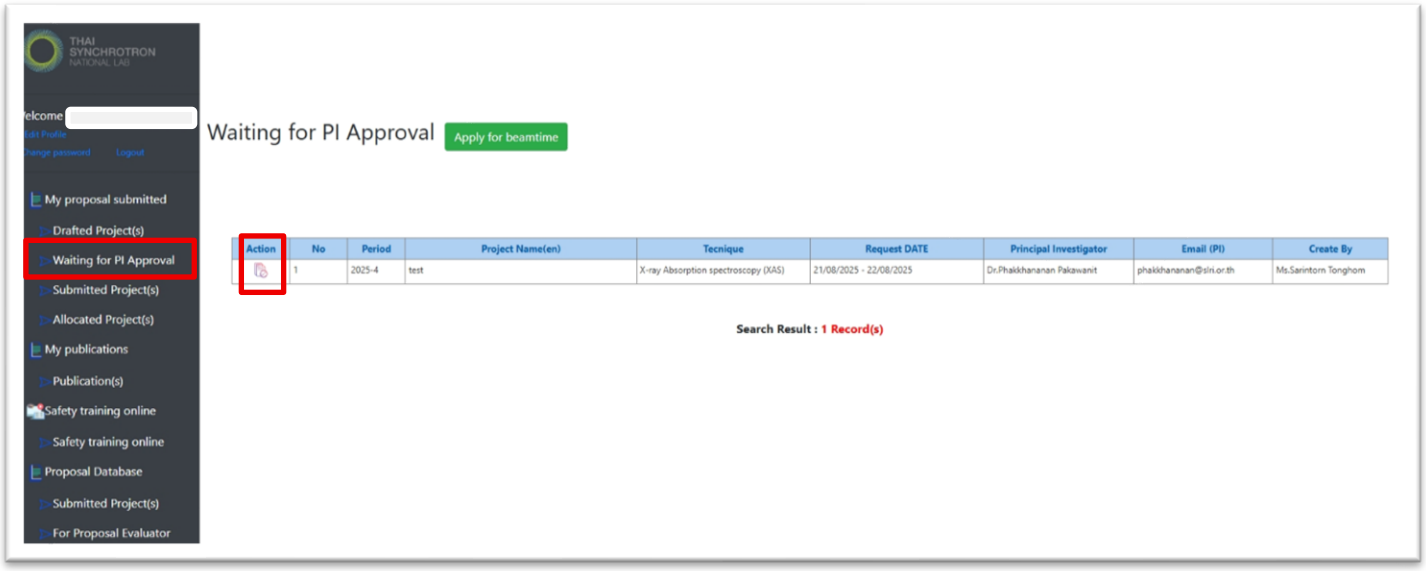


Figure 15 "Waiting for P.I. Approval"

2.4.3 Click **"Previous"** if the P.I. would like to edit the project information.

2.4.4 Click **"Submit proposal to SLRI"** to approve and submit the project to BeamApp, as shown in Figure 16

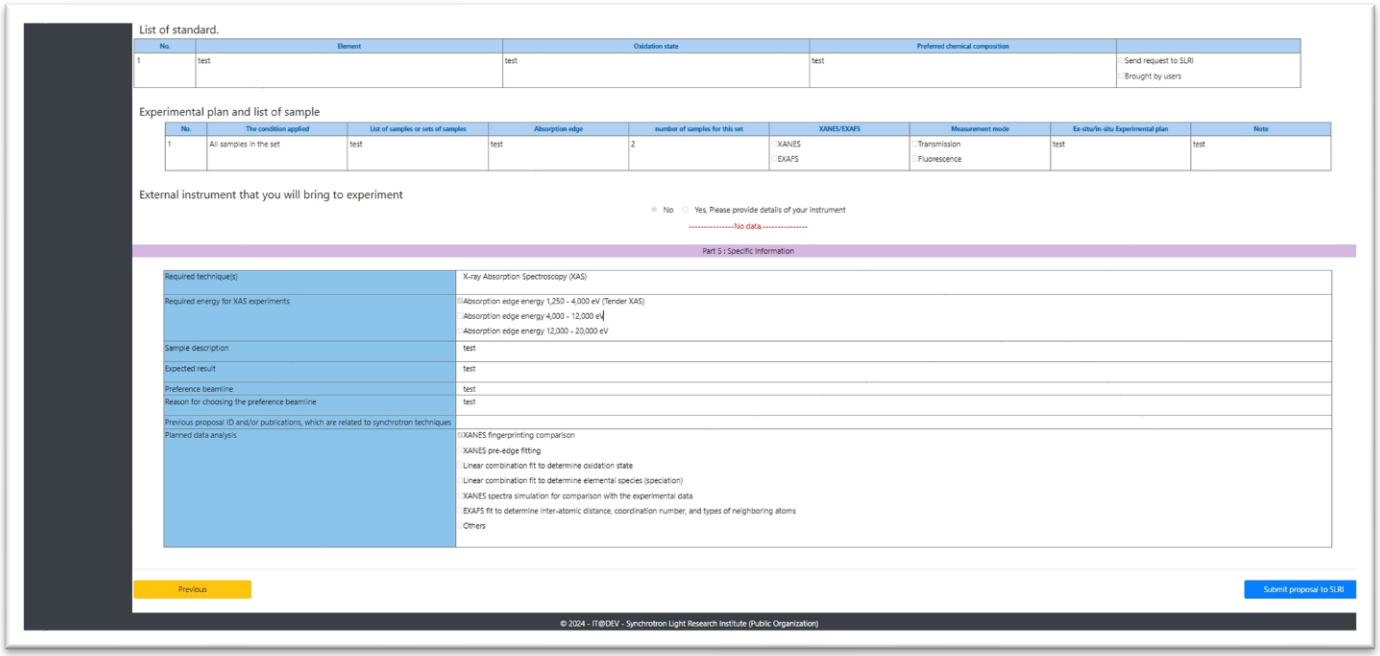
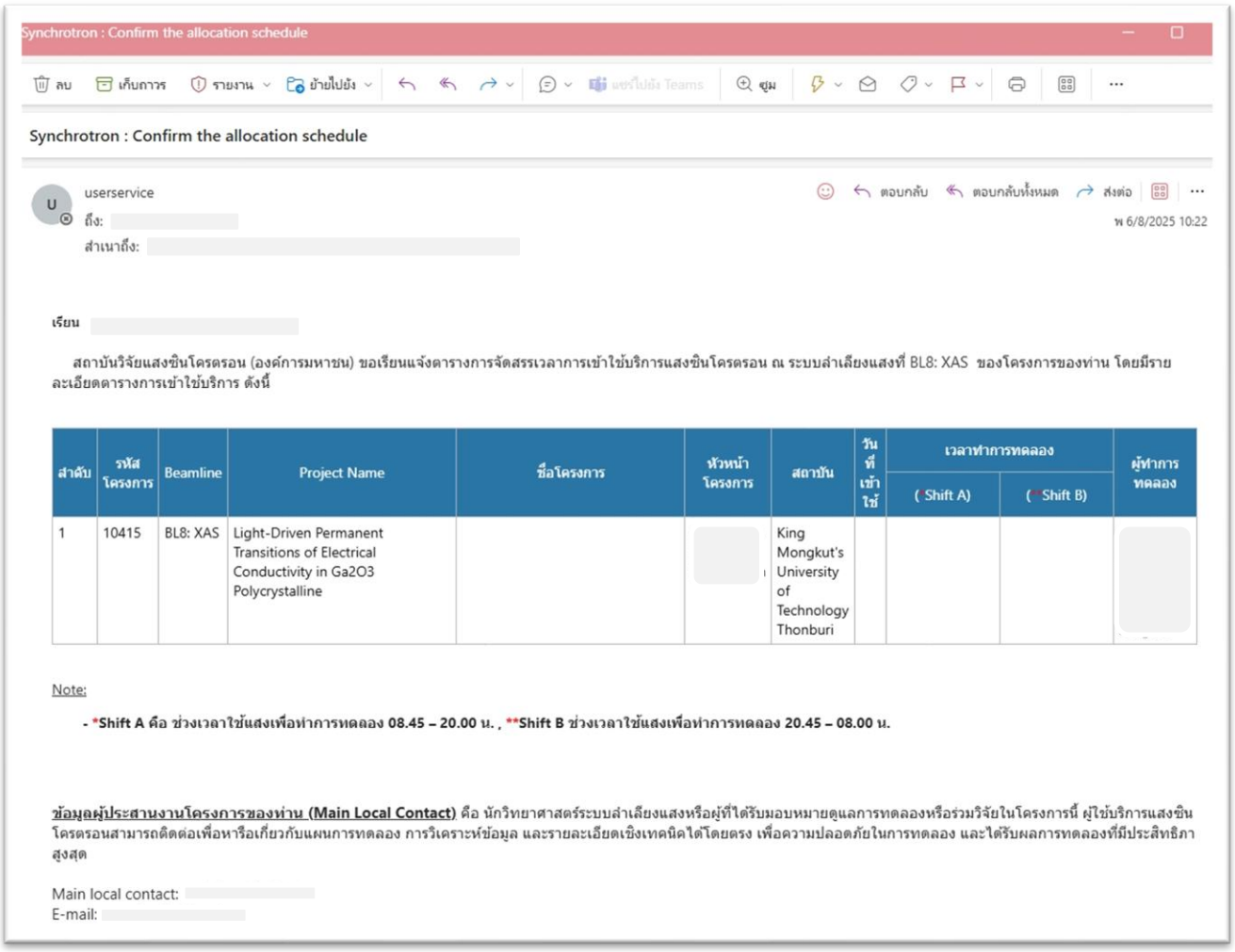


Figure 16 “Submit proposal to SLRI”

3. Beamtime Allocation

3.1 Users (P.I. and participants who are listed in the project.) will receive a beamtime allocation e-mail as shown in Figure 17



Synchrotron : Confirm the allocation schedule

ลบ เก็บถาวร รายงาน ย้ายไปยัง แชร์ไปยัง Teams ซูม

Synchrotron : Confirm the allocation schedule

userservice

ถึง:

สำเนาถึง:

ตอบกลับ ตอบกลับทั้งหมด ส่งต่อ

พ 6/8/2025 10:22

เรียน

สถาบันวิจัยแสงซินโครตรอน (องค์การมหาชน) ขอเรียนแจ้งตารางการจัดสรรเวลาการเข้าใช้บริการแสงซินโครตรอน ณ ระบบลำเลียงแสงที่ BL8: XAS ของโครงการของท่าน โดยมีรายละเอียดตารางการเข้าใช้บริการ ดังนี้

ลำดับ	รหัสโครงการ	Beamline	Project Name	ชื่อโครงการ	หัวหน้าโครงการ	สถาบัน	วันที่เข้าใช้	เวลาทำการทดลอง		ผู้ทำการทดลอง
								(*Shift A)	(**Shift B)	
1	10415	BL8: XAS	Light-Driven Permanent Transitions of Electrical Conductivity in Ga2O3 Polycrystalline			King Mongkut's University of Technology Thonburi				

Note:

- *Shift A คือ ช่วงเวลาใช้แสงเพื่อทำการทดลอง 08.45 – 20.00 น. , **Shift B ช่วงเวลาใช้แสงเพื่อทำการทดลอง 20.45 – 08.00 น.

ข้อมูลผู้ประสานงานโครงการของท่าน (Main Local Contact) คือ นักวิทยาศาสตร์ระบบลำเลียงแสงหรือผู้ที่ได้รับมอบหมายดูแลการทดลองหรือร่วมวิจัยในโครงการนี้ ผู้ใช้บริการแสงซินโครตรอนสามารถติดต่อเพื่อหารือเกี่ยวกับแผนการทดลอง การวิเคราะห์ข้อมูล และรายละเอียดเชิงเทคนิคได้โดยตรง เพื่อความปลอดภัยในการทดลอง และได้รับผลการทดลองที่มีประสิทธิภาสูงสุด

Main local contact:

E-mail:

Figure 17 a beamtime allocation e-mail

3.2 User can check the beamtime allocation schedule via BeamApp by following these steps:

3.2.1 Click **"Submitted Project(s)"** to view all submitted projects as Figure 18

3.2.2 Click icon  at the **"Action"** row before the **" Project ID"** row, the allocated beamtime schedule will be displayed in the beamtime application form as shown in Figure 19

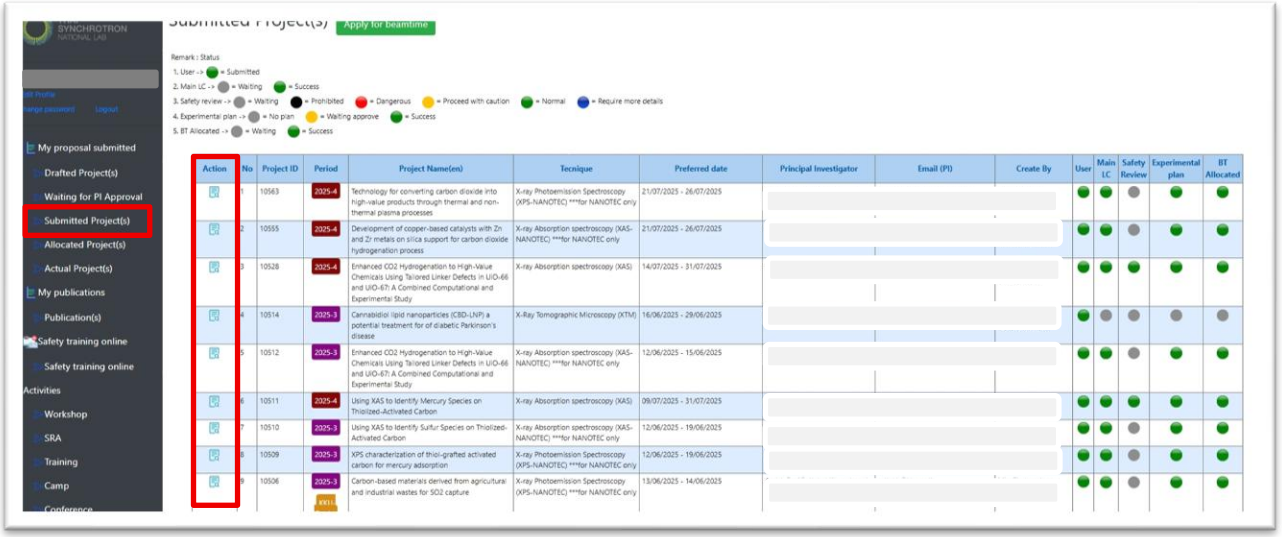


Figure 18 "Submitted Project(s)"

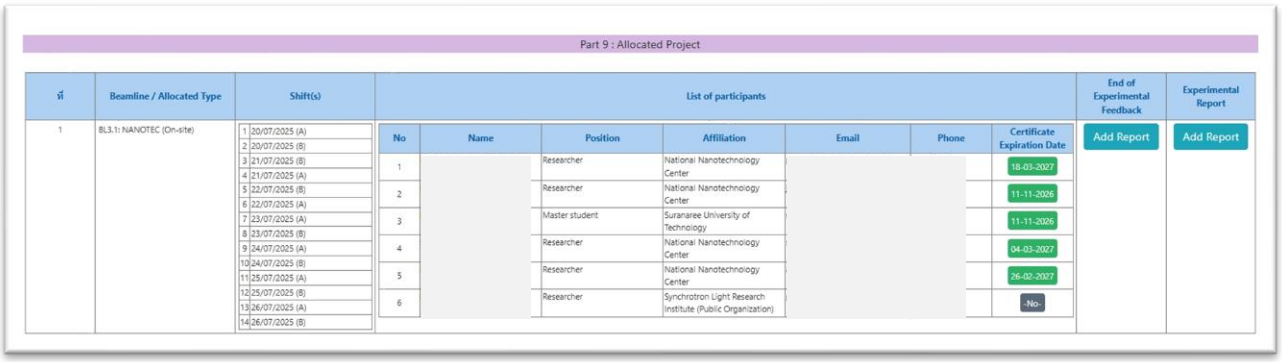


Figure 19 the allocated beamtime schedule information

3.3 In the case of requesting a Synchrotron Beamtime Allocation Results Letter, User can download from BeamApp;

3.3.1 Click **"Allocated Project(s)"** to display the allocated beamtime project as shown in Figure 20

3.3.2 Click the icon in the **"Action"** row before the **"Project ID"** row to display allocated schedule as specified project as shown in Figure 20

3.3.3 Click the icon to download an e-Document of the Synchrotron Beamtime Allocation Results Letter, as shown in Figure 20.

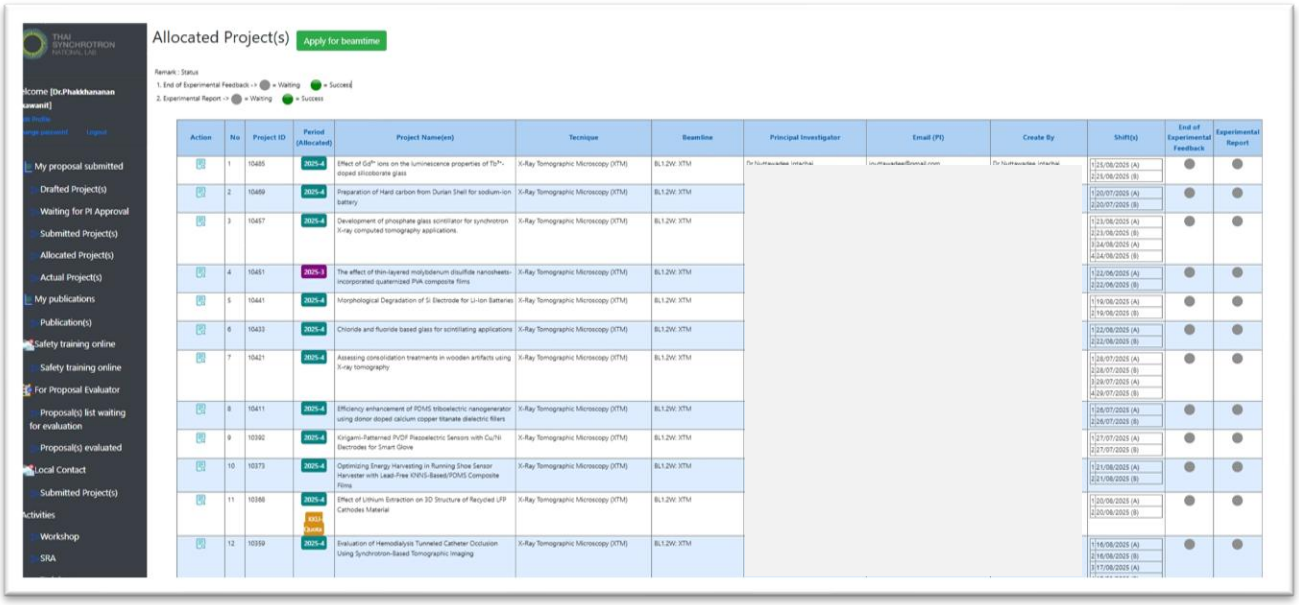


Figure 20 "Allocated Project(s)"

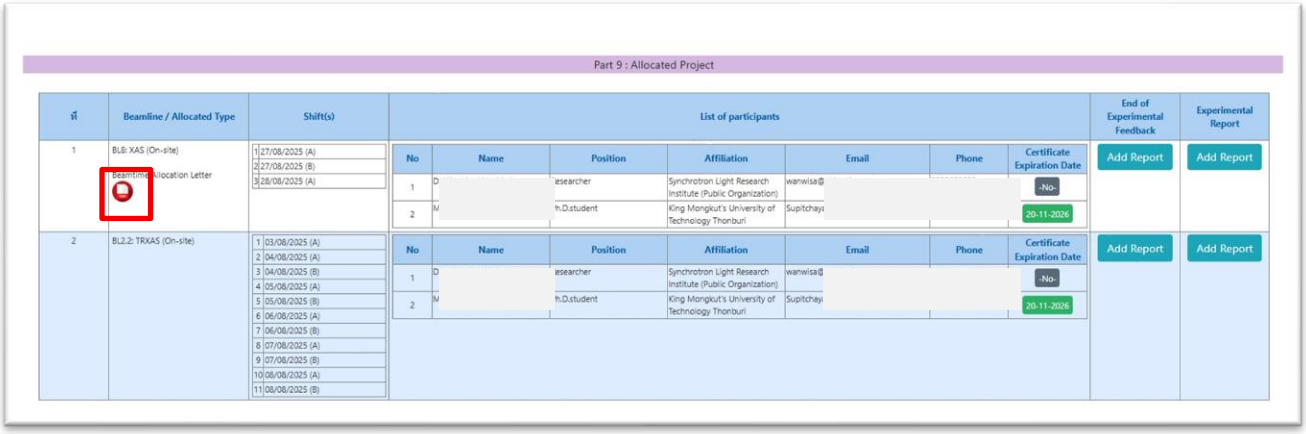


Figure 21 Download an e-Document of the Synchrotron Beamtime Allocation Results Letter

3.4 An example of an e-Document of the Synchrotron Beamtime Allocation Results Letter as shown in Figure 22

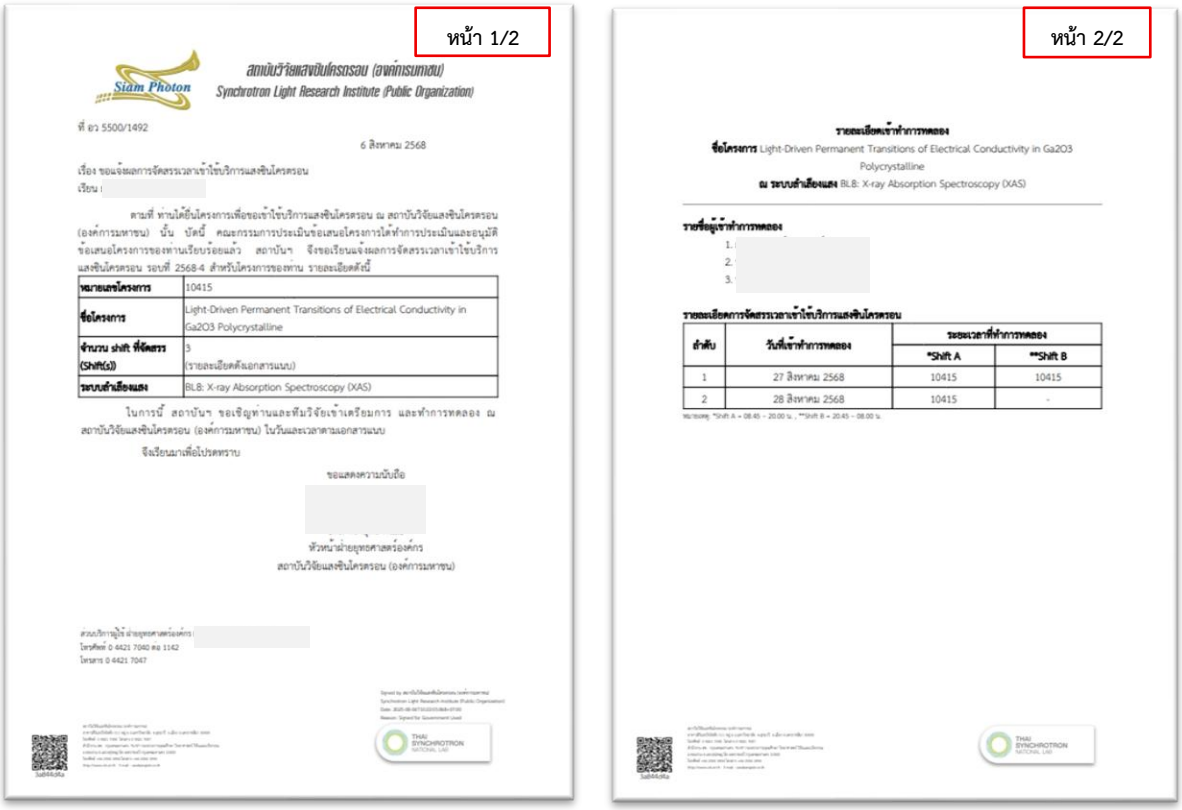


Figure 22 An example of an e-Document

4. Experimental Report

After completing beamtime experiment at SLRI, user is required to submit “ **End of Experimental Feedback**” and “ **Experimental Report**” at BeamApp. Click “ **Add Report**” to provide information for each section, as shown in Figure 23.



Figure 23 Experimental Report

Editorial Team

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