

# Labs on radiation measurements at BelNET

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# BelNET: steps to reach labs. Step 1

- Enter <https://belnet.bsu.by/>

**Belarusian Nuclear Education and Training Portal - BelNET**

Main Page Information center Collaboration

**Navigation**

- About the Project
- New arrival
- Recommended to read
- Team of Developers
- Sitemap

**Welcome to Belarusian Nuclear Education and Training Portal - BelNET**

Main Page

You can display the Left sidebar by clicking on the "blue box" on the left top of the client window.

You can also display the Right optional unit for setting display workspace and task filters, as well as login, by clicking on the "blue box" in the upper right of the client window.

Also, by clicking buttons "blue box" you can define window settings (page size, sorting, filters).

The dimensions of the left and right blocks may be changed using the mouse over tighten the "splitter" user interface element.

To login, please, enter the user name and password, and the characters you see at the picture.



For laboratory work you should register in the system.

Text to search  
 Portal  Google  
Find

[Sign In](#)

**Initiators of development**

- [Research Institute for Nuclear Problems of Belarusian State University](#)  
[Physics Department of Belarusian State University](#)  
[Chemical Department of Belarusian State University](#)
- [State Scientific Institution "THE JOINT INSTITUTE FOR POWER AND NUCLEAR RESEARCH - SOSNY"](#)



# BelNET: steps to reach labs. Step 2

- Go to Information Center



## Belarusian Nuclear Education and Training Portal - BelNET



Main Page **Information center** Collaboration

### Navigation

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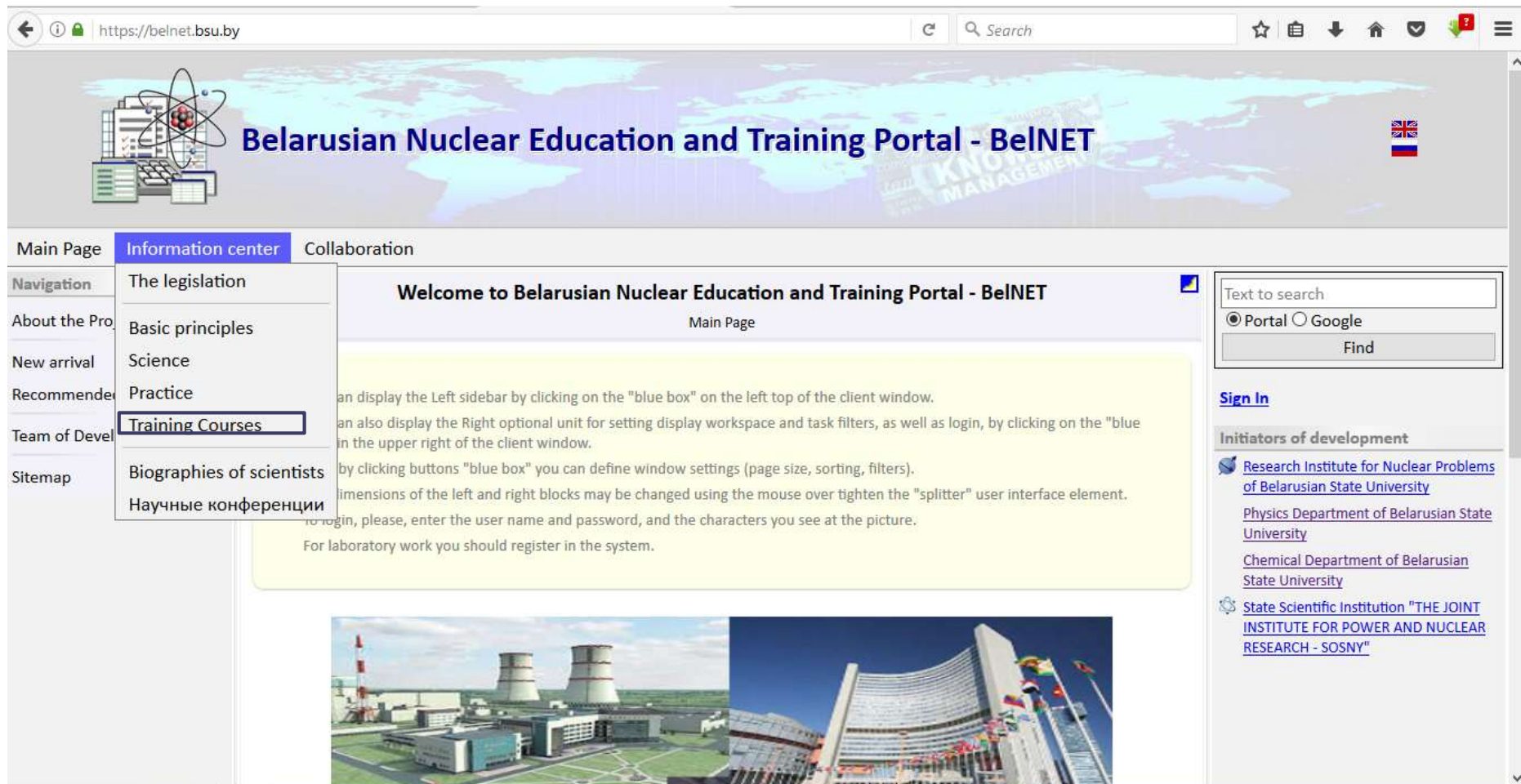
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# BelNET: steps to reach labs. Step 3

- Press “Training Courses”



The screenshot shows the BelNET website interface. The browser address bar displays <https://belnet.bsu.by>. The main header features the BelNET logo, a world map, and the text "Belarusian Nuclear Education and Training Portal - BelNET". A navigation menu is visible, with "Information center" selected. The "Training Courses" option is highlighted in the dropdown menu. The main content area displays a welcome message and instructions for using the portal. A search bar and a "Sign In" link are also present.

Navigation menu items:

- Main Page
- Information center**
- Collaboration

Information center dropdown menu items:

- The legislation
- About the Pro... Basic principles
- New arrival Science
- Recommend Practice
- Training Courses**
- Team of Devel Biographies of scientists
- Sitemap Научные конференции

Main content area:

### Welcome to Belarusian Nuclear Education and Training Portal - BelNET

Main Page

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to login, please, enter the user name and password, and the characters you see at the picture.


For laboratory work you should register in the system.

Search bar: Text to search, Portal (selected), Google, Find

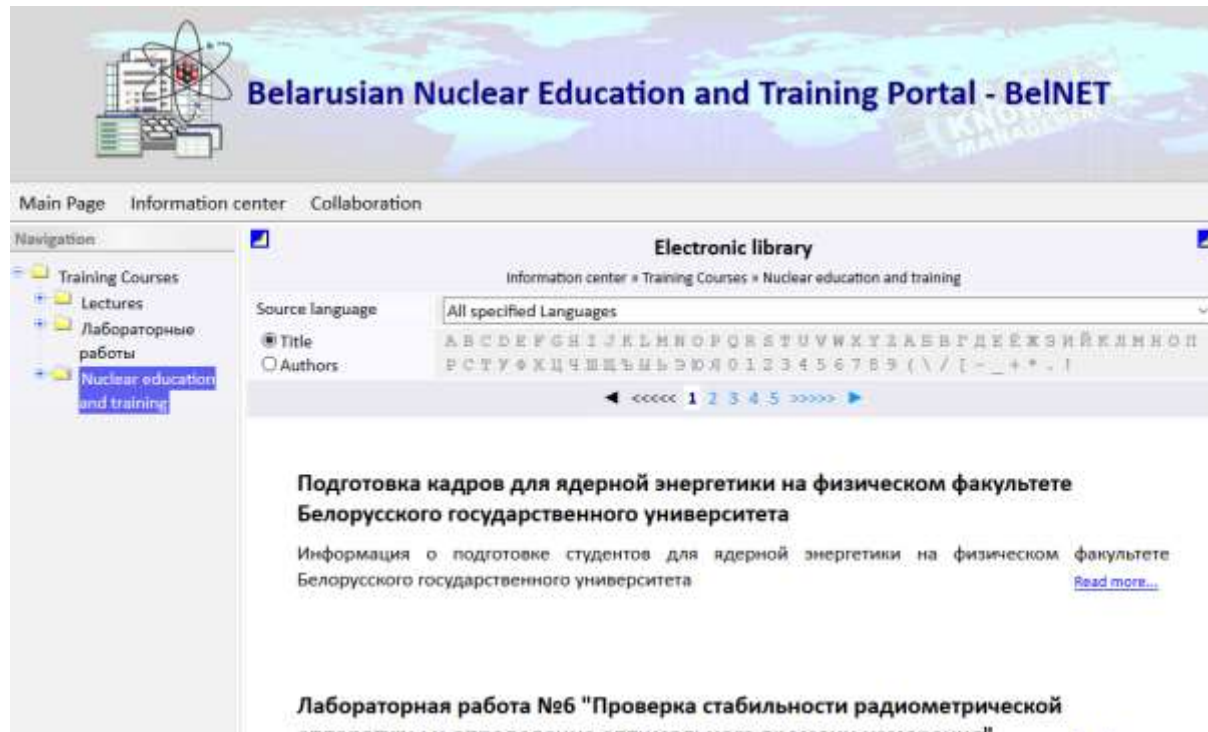
Sign In

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- [State Scientific Institution "THE JOINT INSTITUTE FOR POWER AND NUCLEAR RESEARCH - SOSNY"](#)



# BelNET: steps to reach labs. Step 4



- Roll down and choose the *Лабораторная работа №4 "Изучение проникающей способности  $\gamma$ -квантов различных энергий"* and press [Read more...](#)

# BelNET: steps to reach labs. Step 5

- Choose the [Работа 4.2. Na.avi](#)

## Download:

● <a href="#">Работа 4.0. Изучение проникающей способности гамма.png</a>	2457	image/png	2015-11-26 14:27:22
● <a href="#">Работа 4.1. Изучение проникающей способности гамма.pdf</a>	741227	application/pdf	2015-11-26 14:47:45
● <a href="#">Работа 4.2. Na.avi</a>	9295060	video/x- msvideo	2015-11-26 14:27:34
● <a href="#">Работа 4.3. Фон.txt</a>	3431	text/plain	2015-11-26 14:31:38
● <a href="#">Работа 4.4. Cs0.txt</a>	3957	text/plain	2015-11-26 14:31:41

Спектр I  
 (X:Y) Save(X:Y) Max(X:Y)

Спектр II  
 (X:Y) Save(X:Y) Max(X:Y)

Спектр | Тест | Калибровка

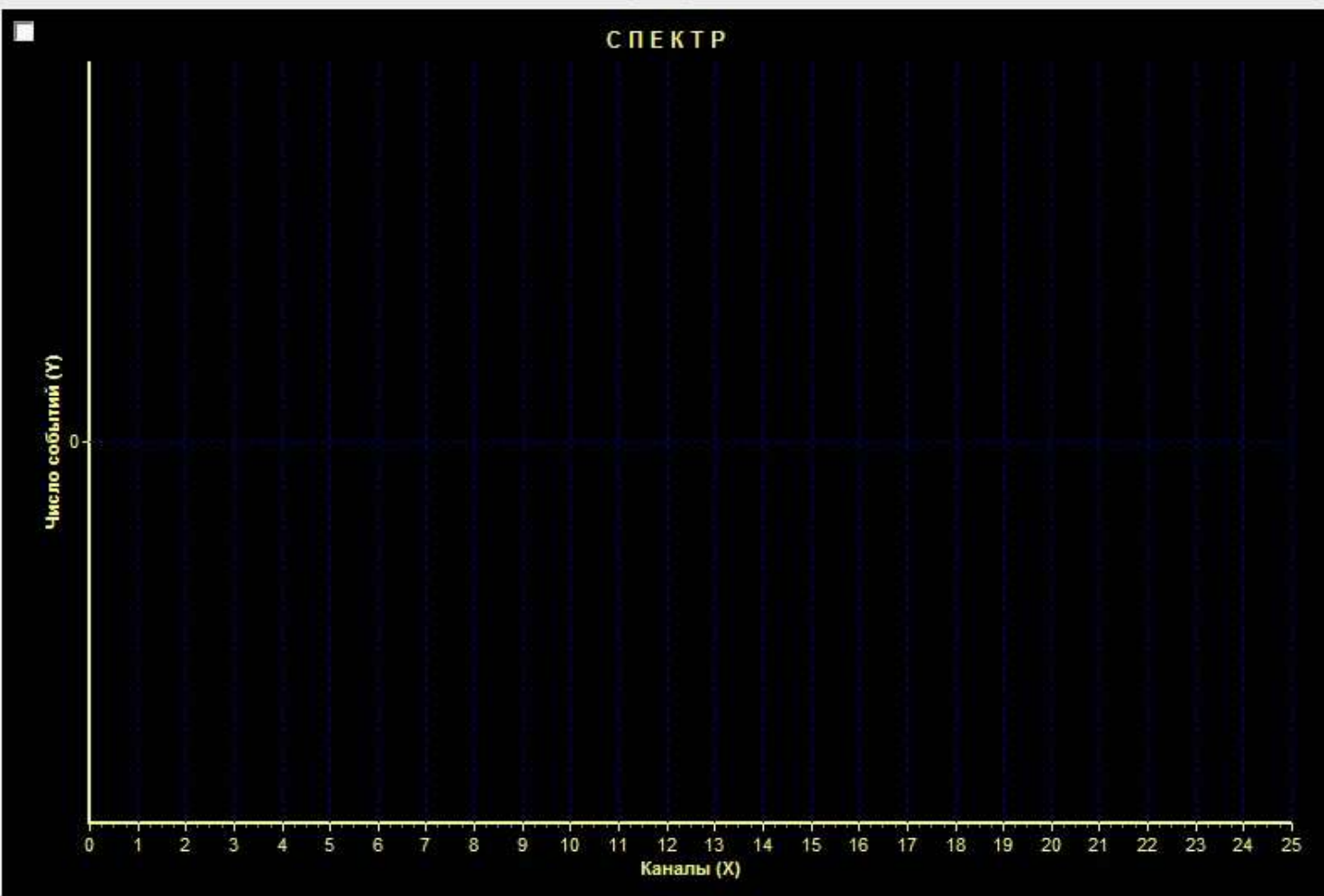
Лаб. работа  
 Номер 1 Задание 1  
 Режим набор спектра

Набор спектра  
 время 0:00:00  
 Старт Стоп Прод. 0

Спектрометрич. каналы :  
 1  2  
 ДНУ1=40 ДНУ2=0  
 ДВУ1=1023 ДВУ2=0  
 К1=1,540 К2  
 U ФЭУ=662,0 В  
 Установить все  
 Питание ФЭУ  Off

Работа со спектром  
 I II  
 сглаживан. X/2  
 весь  
 автомат  
 с 0 по 1023  
 Фильтр  
 I II уровень 5  
 с 0 по 1023

Работа с файлом  
 Спектров  
 1



Vertical toolbar with icons for:  
 - Zoom in (magnifying glass)  
 - Zoom out (magnifying glass with minus)  
 - Max (line graph with peak)  
 - Min (line graph with valley)  
 - Arrow (pointing right)  
 - Arrow (pointing left)  
 - Sum (Sigma symbol)

I | II

ВЫХОД

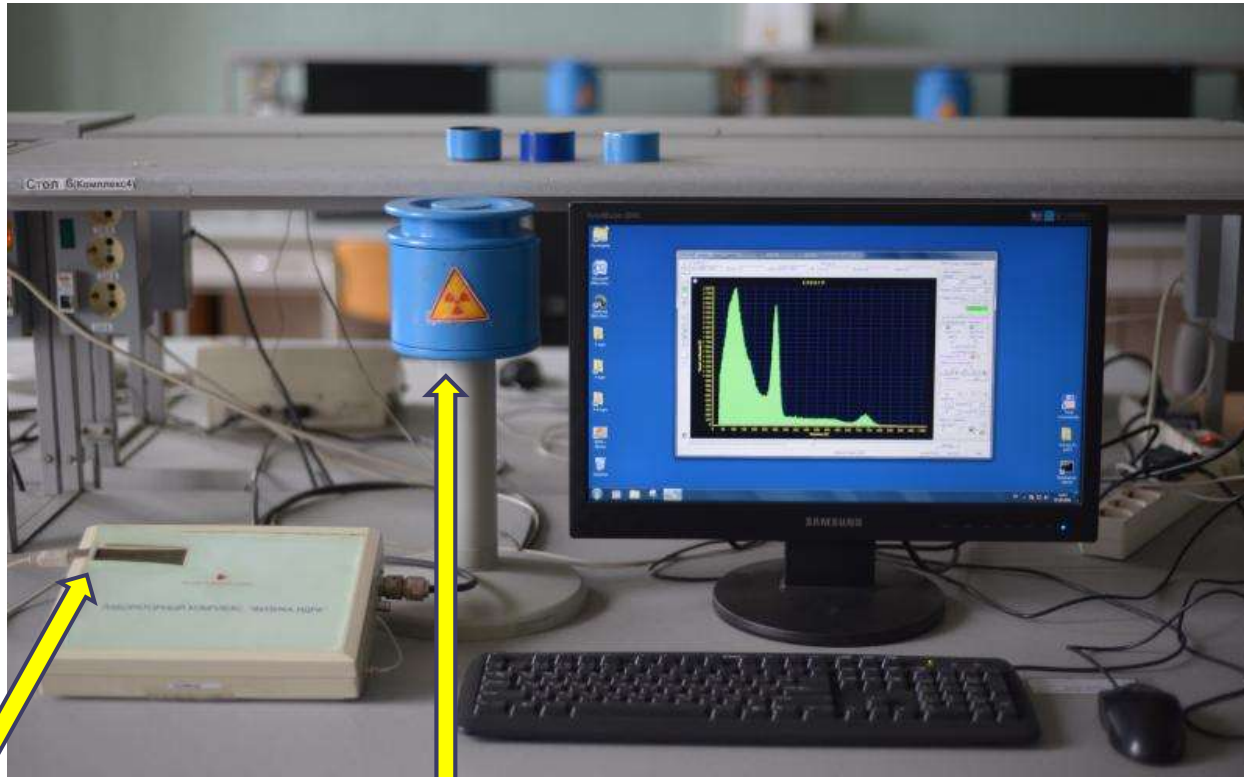
# BelNET: steps to reach labs. How to get instruction

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● <a href="#">Работа 4.4. Cs0.txt</a>	3957	text/plain	2015-11-26 14:31:41
● <a href="#">Работа 4.5. CsL.txt</a>	3852	text/plain	2015-11-26 14:31:45



# Equipment to be used



Processing block

Detector with a source