

# Small Modular Reactor (SMR) Regulators' Forum Websites



**IAEA**

International Atomic Energy Agency

# SMR Regulators Forum Website

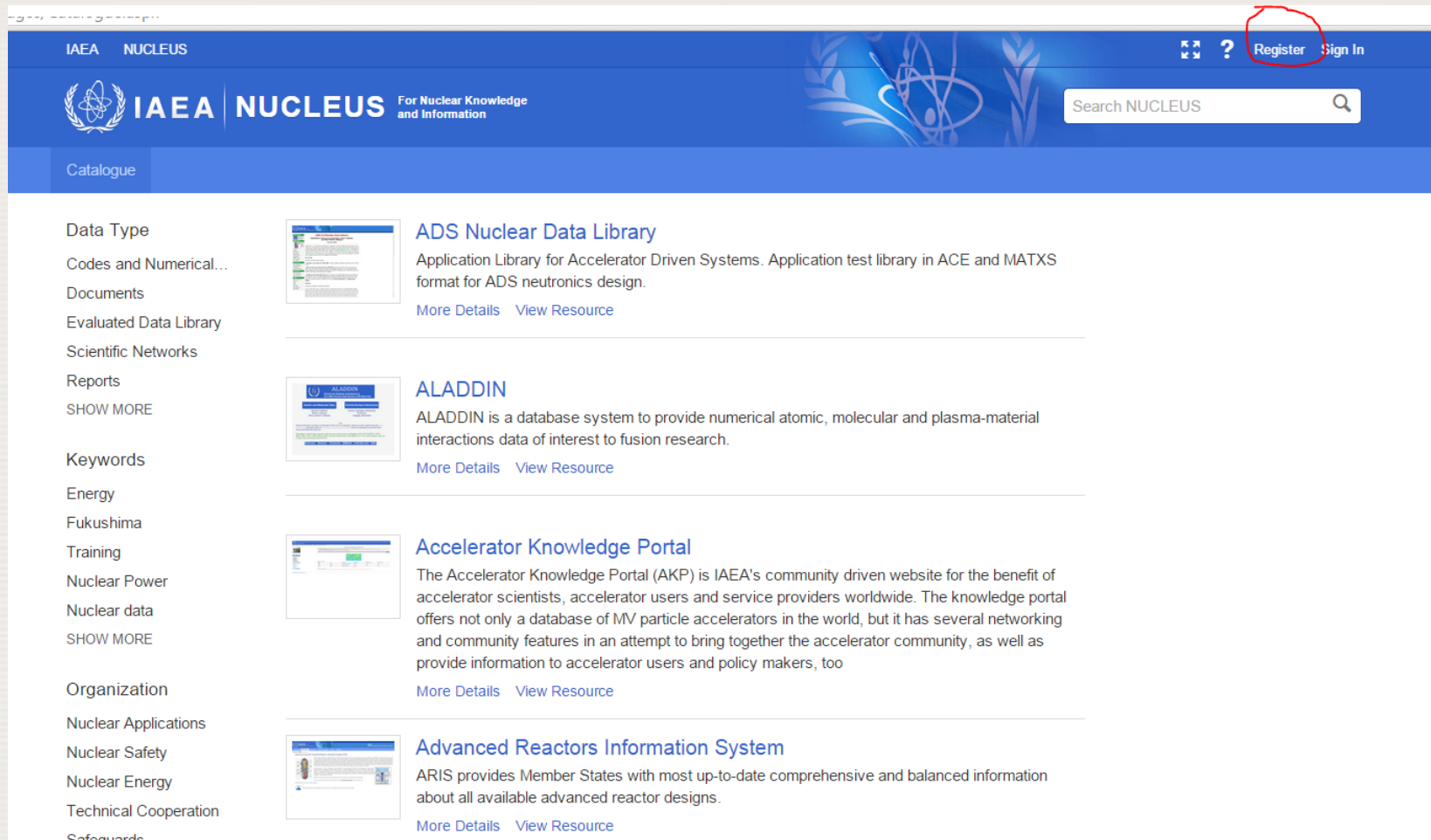
- SMR Public Site
- <http://www-ns.iaea.org/tech-areas/safety-infrastructure/smr.asp>
- SMR Restricted Site
- <https://gnssn.iaea.org/sites/auth/RegNet/SMR/default.aspx>

# Nucleus Registration

- First Step: Go to [www.iaea.org](http://www.iaea.org) and click on **SCIENTIFIC RESOURCES**. Click on **Go to Nucleus**

The screenshot shows the IAEA website's 'Scientific Resources - NUCLEUS' page. At the top, the IAEA logo and name are visible, along with a search bar and navigation tabs for 'ABOUT US', 'OUR WORK', 'NEWS CENTRE', 'PUBLICATIONS', and 'SCIENTIFIC RESOURCES'. The main heading is 'Scientific Resources - NUCLEUS', followed by a description: 'NUCLEUS provides access to over 130 IAEA scientific, technical and regulatory resources. This includes databases, websites, applications, publications, safety standards, training material and more.' A prominent blue button labeled 'Go to NUCLEUS →' is positioned below the text. The 'Featured Scientific Resources' section includes three items: 'The International Nuclear Information System (INIS)' with a blue graphic and a 'Read More →' button; 'Power Reactor Information System (PRIS)' with a photo of a reactor and a 'Read More →' button; and 'The IAEA Library' with a photo of a library and a 'Read More →' button. The 'More Information Resources' section features six smaller resource cards, each with a thumbnail image and a 'Read More →' button, including 'The Net Enabled Waste Management Database (NEWMDB)', 'Energy, Electricity and Nuclear Power Estimates for the Period up to 2030...', 'The CNPP covers background information on the status and development of nuclear power programmes in countries...', 'The Human Health Campus is an educational and resources website for health professionals in radiation medicine and nutrition.', 'The Research Reactor Database (RRDB) contains administrative, technical and utilization information on over 670 research reactors...', and 'The Coordinated Research Activity (CRA) programme helps foster the exchange of scientific and technical information...'.

# Click on Register



The screenshot shows the IAEA NUCLEUS website interface. At the top right, the 'Register' button is circled in red. The website features a blue header with the IAEA logo and the text 'IAEA NUCLEUS For Nuclear Knowledge and Information'. A search bar labeled 'Search NUCLEUS' is also visible. The main content area displays a 'Catalogue' of resources, including:

- ADS Nuclear Data Library**: Application Library for Accelerator Driven Systems. Application test library in ACE and MATXS format for ADS neutronics design. [More Details](#) [View Resource](#)
- ALADDIN**: ALADDIN is a database system to provide numerical atomic, molecular and plasma-material interactions data of interest to fusion research. [More Details](#) [View Resource](#)
- Accelerator Knowledge Portal**: The Accelerator Knowledge Portal (AKP) is IAEA's community driven website for the benefit of accelerator scientists, accelerator users and service providers worldwide. The knowledge portal offers not only a database of MV particle accelerators in the world, but it has several networking and community features in an attempt to bring together the accelerator community, as well as provide information to accelerator users and policy makers, too. [More Details](#) [View Resource](#)
- Advanced Reactors Information System**: ARIS provides Member States with most up-to-date comprehensive and balanced information about all available advanced reactor designs. [More Details](#) [View Resource](#)

A left-hand navigation menu lists various categories such as 'Data Type', 'Codes and Numerical...', 'Documents', 'Evaluated Data Library', 'Scientific Networks', 'Reports', 'SHOW MORE', 'Keywords', 'Energy', 'Fukushima', 'Training', 'Nuclear Power', 'Nuclear data', 'SHOW MORE', 'Organization', 'Nuclear Applications', 'Nuclear Safety', 'Nuclear Energy', 'Technical Cooperation', and 'Safeguards'.

# Please fill out the fields with the required information

## NUCLEUS Registration

If you already have a NUCLEUS account, you can [Sign In](#).

Otherwise, please enter all the required fields to set up your NUCLEUS account.

### \* Required Information

#### Account Information

Username:\*

Check Availability

Minimum 6 characters and must only contain English letters, digits, underscores and periods.

Password:\*

Passwords must be at least 8 characters long and contain at least one lower case letter, one number and one non-alphanumeric character.  
Example: password9\$.

Confirm your password:\*

Please enter your password again to confirm.

#### Personal Information

Title:

-- Select Title -- ▾

First name:\*

Middle name:

Last name:\*

E-mail:\*

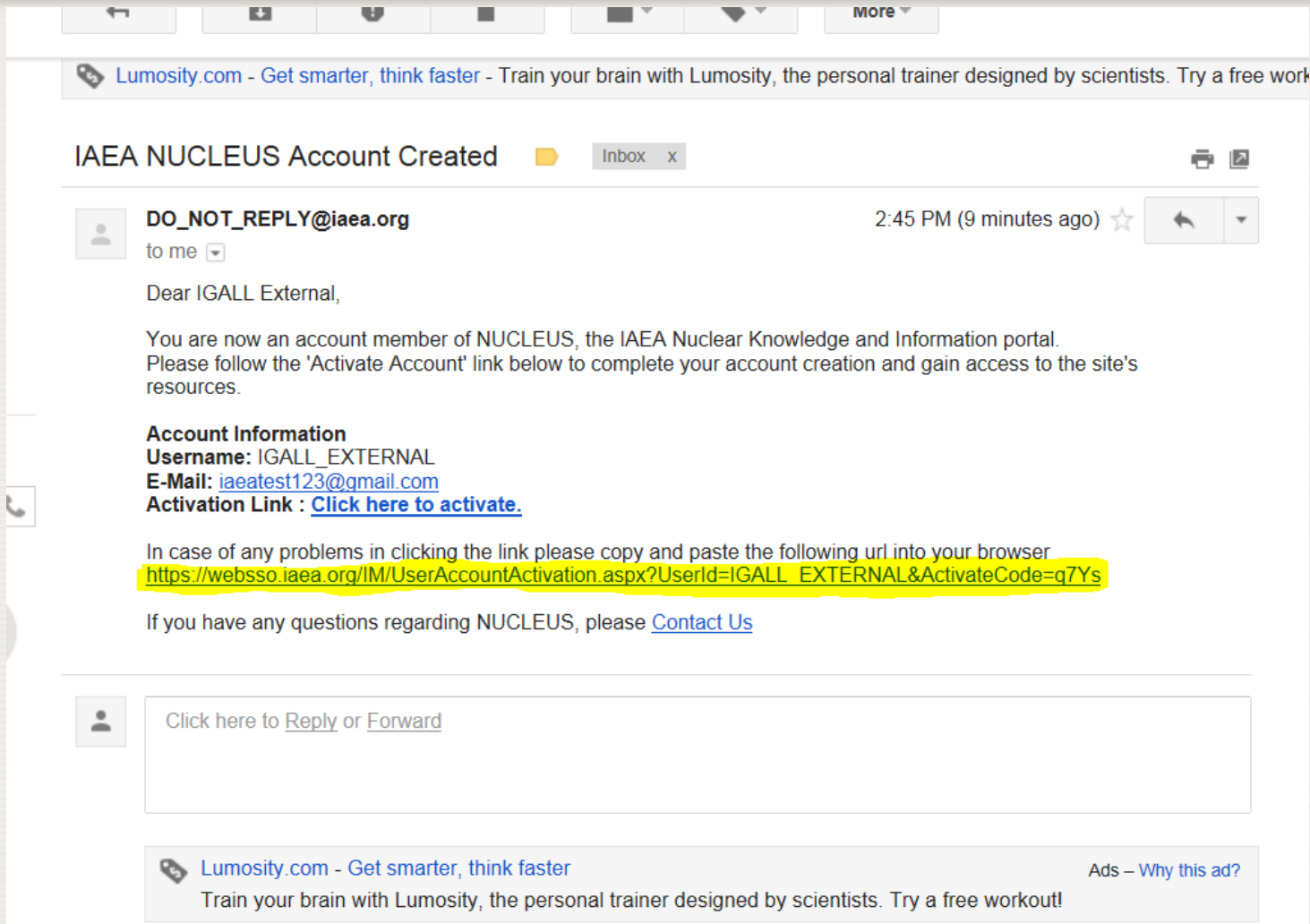


Catalogue

✓ **Account creation successful.**  
Your NUCLEUS account has been created and an account activation message has been sent to your email address. In order to sign in to NUCLEUS you must now activate your account by clicking on the link provided in the email. If you do not receive the activation email, please **Contact Us**.




# Activate your account by clicking on the link




The screenshot shows an email interface with a toolbar at the top containing icons for back, forward, refresh, and other actions. Below the toolbar is a search bar with the text "Lumosity.com - Get smarter, think faster - Train your brain with Lumosity, the personal trainer designed by scientists. Try a free work". The main content of the email is from "IAEA NUCLEUS Account Created" and is categorized as "Inbox". The sender is "DO\_NOT\_REPLY@iaea.org" and the email was received "2:45 PM (9 minutes ago)". The body of the email reads: "Dear IGALL External, You are now an account member of NUCLEUS, the IAEA Nuclear Knowledge and Information portal. Please follow the 'Activate Account' link below to complete your account creation and gain access to the site's resources." It then provides "Account Information": "Username: IGALL\_EXTERNAL", "E-Mail: iaeatest123@gmail.com", and "Activation Link : [Click here to activate.](\"https://websso.iaea.org/IM/UserAccountActivation.aspx?UserId=IGALL_EXTERNAL&ActivateCode=q7Ys\")". A yellow highlight is placed over the activation link. Below this, it says "In case of any problems in clicking the link please copy and paste the following url into your browser" followed by the same URL. At the bottom of the email body, it says "If you have any questions regarding NUCLEUS, please [Contact Us](\"#\")". Below the email content is a "Click here to Reply or Forward" button. At the very bottom of the screenshot is an advertisement for Lumosity.com with the text "Lumosity.com - Get smarter, think faster" and "Train your brain with Lumosity, the personal trainer designed by scientists. Try a free workout!".


# Click on Sign In

IAEA CASTILLO NAVARRO, Camilo Settings Help

 **IAEA | NUCLEUS** For Nuclear Knowledge and Information

[Catalogue](#) | [My Favourites](#)

 **Account successfully activated.**  
You may now sign in to NUCLEUS.

[About NUCLEUS](#) | [Contact Us](#) | [Disclaimer](#) | [Terms of Use](#) [Page Top](#) 

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# Sign In

IAEA

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For Nuclear Knowledge  
and Information

## NUCLEUS

Please enter your username and password to sign in.

If you have forgotten your password or username, please go to [Did you forget your username or password?](#)

Not yet a registered user? Please first [Register](#) here

If you have any further queries, please [Contact Us](#).

## Sign In

[Need Sign In Help?](#)

Username:

Password:

[Did you forget your username or password?](#)

[Sign In](#)



**IAEA**

# We will provide you access to our Network

- Please send us your username via email to:  
**[c.castillo-navarro@iaea.org](mailto:c.castillo-navarro@iaea.org)**

# SMR Restricted-Site

IAEA NUCLEUS Browse Page

IAEA (Restricted Area) GNSSN Global Nuclear Safety and Security Network

Search this site

GNSSN Home Global Networks Thematic Networks National Platforms

SMR Homepage  
Membership  
Contacts  
Discussion Board  
General Discussion  
Calendar  
Pictures  
Meetings  
Steering Committee  
WG1 on EPZ  
WG2 on DiD  
WG3 on GA  
Recent  
SMR Roadmap Meeting Presentations  
EDIT LINKS

## Collaboration Space for SMR Regulators Forum Members

This is the restricted SMR Regulators Forum Members' Area, developed to enhance collaboration among SMR Forum Members and the Agency through an improved information exchange system. The collaboration space offers a platform for meeting documents and their storage, as well as for the document development process. Colleagues from around the world can work live on one single document. Additionally, it offers a meeting calendar, a chat room and an image repository, as well as other resources.



### Announcements

| Title                              | Created            |
|------------------------------------|--------------------|
| <a href="#">Terms of Reference</a> | 10/1/2015 10:46 AM |
| <a href="#">Pilot Project Plan</a> | 10/1/2015 10:50 AM |
| <a href="#">Project Milestones</a> | 10/1/2015 10:59 AM |

[+ Add new announcement](#)

### SMR Roadmap Meeting Presentations

[+ new document](#) or drag files here

Current View ... Find a file

| ✓ | 📄 Name                            | Modified   | Modified By         |
|---|-----------------------------------|------------|---------------------|
| ■ | SMR Roadmap Meeting Presentations | October 22 | ■ MAGRUDER, Stewart |

# SMR Public-Site

**Nuclear Safety & Security**      Nuclear Applications    Nuclear Energy    **Nuclear Safety & Security**    Safeguards    Technical Cooperation

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↑ Nuclear Safety & Security

- Safety & Security Framework
- Technical Areas
- Services for Member States
- Safety & Security Publications
- Conventions & Codes
- Education & Training
- Meetings
- Special projects

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Good 4 3 2 1 0 Poor

[rate this page](#)

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## SMR REGULATORS' FORUM

### Welcome to the Small Modular Reactor (SMR) Regulators' Forum

#### Purpose

To identify, understand and address key regulatory challenges that may emerge in future SMR regulatory discussions. This will help enhance safety, efficiency in licensing, and enable regulators to inform changes, if necessary, to their requirements and regulatory practices.

#### Objectives

Share SMR regulatory knowledge and experience among the members and other stakeholders to:

- Facilitate robust and thorough regulatory decisions
- Encourage enhanced nuclear safety.

Identify and resolve common safety issues that may challenge regulatory reviews associated with SMRs.

#### Outcomes

- Positions statements on regulatory issues;
- Suggestions for revisions to or to new IAEA documents;
- Generate and share information that regulators may use to enhance their regulatory framework;
- Description of the regulatory challenges and discussion on paths forward;
- Suggestions for changes to international codes and standards.

📄 [Download the Terms of Reference](#)

📄 [Download the SMR Regulators' Forum Pilot Project Plan October 2015](#)

#### Links to Regulators' Websites

- [USNRC](#)
- [CNSC](#)

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#### Resources

- [Regulatory Infrastructure](#)
- [Integrated Regulatory Review Services \(IRRS\)](#)
- [Nuclear Installation Safety](#)
- [Self-Assessment Tool \(IRIS\)](#)
- [Embarking Countries Platform on RegNet](#)
- [SMR Regulators' Forum Restricted Site](#)

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#### Relevant IAEA TECDOCs and Guides

- [IAEA TECDOC-1536, Status of Small Reactor Designs without On-Site Refuelling](#)
- [IAEA-TECDOC-1485, Status of innovative small and medium sized reactor design, 2005](#)
- [IAEA-TECDOC-1451, Innovative small and medium sized reactors: Design features, safety approaches and R&D trends](#)
- [IAEA Nuclear Energy Series, No. NP-T-3.7, Approaches for Assessing the Economic Competitiveness of Small and Medium Sized Reactors](#)