

# The ThorEA organisation



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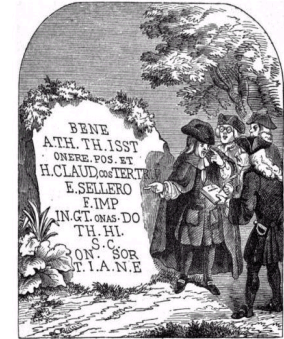
A brief account of the ThorEA organisation, a loosely based UK group promoting the cause of Thorium ADSR systems. The groups current activities are described, and an invitation extended to take part.

## The Thorium Energy Amplifier Association



A research association -  
A Learned Society -  
A not-for-profit organisation -

to promote the use of thorium-fuelled energy amplifier systems as a safe, sustainable and publicly-acceptable of nuclear power.



Goal: the construction of a thorium-fuelled ADSR in the United Kingdom.

Methods:

- Publicity
- Meetings
- Research
- Website





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## General

General


### Events in this category:

▼ 2010


#### November 2010

02  [ThorEA Workshop](#)

#### July 2010


12  [ThorEA Workshop](#)

#### April 2010


13  [ThorEA Workshop](#)

▼ 2009

#### November 2009

24  [ThorEA Workshop](#)

#### September 2009

07  [ThorEA Workshop](#)

#### July 2009

10  [ThorEA Meeting](#)

#### April 2009

17  [ThorEA Meeting](#)

#### January 2009

13  [ThorEA ADSR workshop](#)

Half-day meetings  
Held ~4 time / year  
Across the UK

Typically 8-10 talks and 30-40 people

**ThorEA Workshop**















Monday 12 July 2010  
from 10:30 to 16:00  
Europe/London  
at Oatley Meeting Room 1 at Cambridge University Engineering Department

Participants: Hywel Owen

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[Monday 12 July 2010](#) | [top](#)

**Monday 12 July 2010**

10:30	Arrival and Coffee (00)	
11:00	FFAG - towards high intensity operation (20)  	Shinji Maehida
11:20	Reliability & Induction Acceleration (20)  	Becky Seviour (Lancaster and Cookerooft)
11:40	Transient ADSR Thermal-Hydraulic Dynamic Response (20)  	All Ahmad
12:00	Actinide Burning & Breeding in a Thermal Spectrum ADSR (20)  	David Coates
12:20	Reactor Physics Simulations of ADSR Concepts (20)  	Geoff Parks
12:40	ADSR Design Concept Development (Parade of the Strawmen) (20)  	Steve Steer
13:00	Lunch (40)	
13:40	Beam availability in high power proton accelerators (15)  	Christopher Prior (STFC Rutherford Appleton Laboratory)
13:55	Flexibility in ADSR technology - can it lower costs? (20)	Bill Nuttall
14:15	EP/G009864/1 - a summary of outputs (10)  	Geoff Parks

Keep an eye out for opportunities and submit joint research proposals

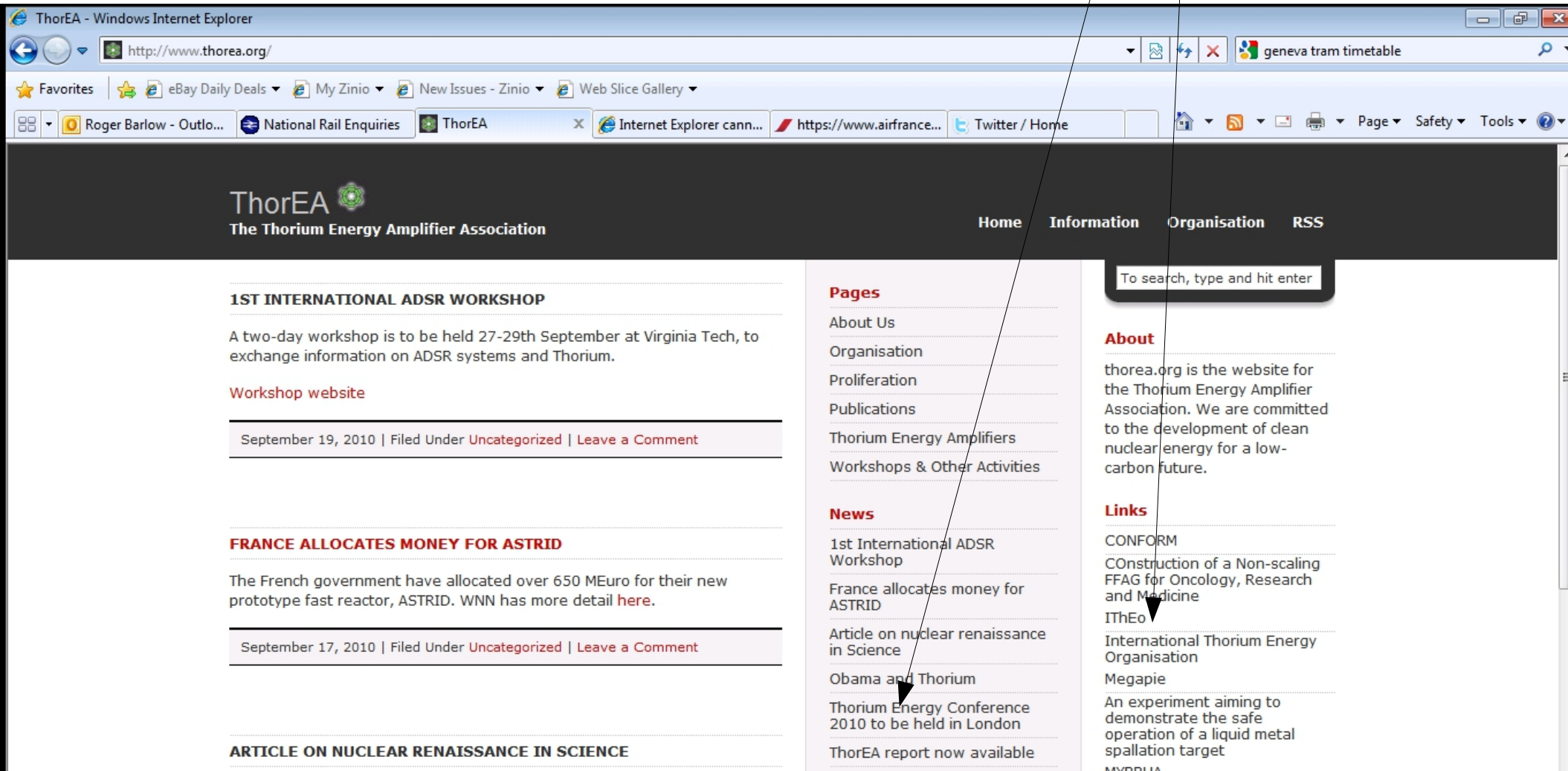
Score so far: 3/3

- Physics of Thorium ADSRs
- Economics of Thorium ADSRs
- Spallation as a method of enriching Thorium fuel rods



<http://www.thorea.org>

Details of the organisation - Facts about Thorium and ADSRs Links to other sites



ThorEA - Windows Internet Explorer  
http://www.thorea.org/

ThorEA The Thorium Energy Amplifier Association

Home Information Organisation RSS

To search, type and hit enter

**1ST INTERNATIONAL ADSR WORKSHOP**  
A two-day workshop is to be held 27-29th September at Virginia Tech, to exchange information on ADSR systems and Thorium.  
[Workshop website](#)  
September 19, 2010 | Filed Under [Uncategorized](#) | [Leave a Comment](#)

**FRANCE ALLOCATES MONEY FOR ASTRID**  
The French government have allocated over 650 MEuro for their new prototype fast reactor, ASTRID. WNN has more detail [here](#).  
September 17, 2010 | Filed Under [Uncategorized](#) | [Leave a Comment](#)

**ARTICLE ON NUCLEAR RENAISSANCE IN SCIENCE**

**Pages**  
About Us  
Organisation  
Proliferation  
Publications  
Thorium Energy Amplifiers  
Workshops & Other Activities

**News**  
1st International ADSR Workshop  
France allocates money for ASTRID  
Article on nuclear renaissance in Science  
Obama and Thorium  
Thorium Energy Conference 2010 to be held in London  
ThorEA report now available

**About**  
thorea.org is the website for the Thorium Energy Amplifier Association. We are committed to the development of clean nuclear energy for a low-carbon future.

**Links**  
CONFORM  
Construction of a Non-scaling FFAG for Oncology, Research and Medicine  
IThEO  
International Thorium Energy Organisation  
Megapie  
An experiment aiming to demonstrate the safe operation of a liquid metal spallation target  
MVRPRA

Membership is open to individual scientists and engineers, to research institutes, and to industrial companies. Individual membership is free of charge

We have about 80 members on our mailing list

Of these about 40 have agreed to have their names on the website as public 'members of ThorEA'

Accelerator scientists  
Nuclear Physicists  
Reactor engineers  
Nuclear chemists  
Particle physicists  
Nuclear economists

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Universities – Manchester, Liverpool,  
Cambridge, Huddersfield, Bristol, Imperial  
College...

Institutes – Daresbury, Rutherford, Cockcroft,  
John Adams, NNL...

Industry

Overseas

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Next meeting: 2<sup>nd</sup> November,  
Daresbury Laboratory

Hope to see you there.