



It's Time To Talk

At The Royal Institution Of Great Britain  
17-20 October 2010

# THORIUM ENERGY CONFERENCE 2010 - It's Time To Talk

17-20 October 2010

ThEC2010 provides a unique and convenient, cross-disciplinary platform, for people involved in the field of Thorium Energy to be introduced, to speak, and to discover.

## Conference highlights

**Paul Madden**, Provost of The Queen's College, Oxford, UK

**William C. Horak**, Department of Energy, USA

**Luc Van Den Durpel**, Areva, France

**Stephen Tindale**, Center For European Reform, UK

**Kirk Sorensen**, Teledyne Brown, USA

**Elsa Merle-Lucotte**, Grenoble University, France

**Victoria Ashley**, Aker Solutions, Norway

**Ondrej Benes**, JRC European Commission, Germany

## Contribute

ThEC2010 is still open to valued, last minute, contributors! Interested parties can contact us at [info@itheo.org](mailto:info@itheo.org), or use the online form: [www.itheo.org/thorium-energy-conference-2010](http://www.itheo.org/thorium-energy-conference-2010)

## Media

Journalists, reporters and all interested parties are warmly welcome to cover the subject of Thorium Energy by attending ThEC2010. You can contact us at [info@itheo.org](mailto:info@itheo.org)

## Coverage

IThEO is pleased to announce the cooperation with the global, English speaking channel, Russia Today, and the national public broadcasting channel of Japan, NHK. Both channels will report on proceedings ThEC2010.

## Booking payment

Bookings can be paid for by bank or PayPal transfer. Please add the attendee's email address to the payment, this will be their ThEC2010 registration name. After payment you will receive an email from IThEO confirming your booking.

When using bank transfer, provide the following beneficiary information:

**Name:** ITHEO

**BIC/SWIFT:** NDEASESSXXX

**Bank:** Nordea Bank

**City:** Stockholm

**Address:** ALDERMANSV. 19-21, 171 48 SOLNA

**IBAN:** SE0393300000006250476840

**Street:** Hamngatan 10

**Country:** Sweden

To purchase your ThEC2010 ticket via PayPal, please go to ThEC2010 web page and follow the instructions: [www.itheo.org/thorium-energy-conference-2010](http://www.itheo.org/thorium-energy-conference-2010)

## Hotels

The Royal Institution's partnership with The Chesterfield Mayfair Hotel and those offered by Lotus Conferences present attractive accommodation close to the venue at reduced prices. A limited number of rooms with these rates are available. The following hotels are offered at special rates: Hilton Green Park, Thistle Piccadilly, The Chesterfield Mayfair, Thistle Royal Trafalgar, Guoman Charing Cross, Best Western Mostyn.



International Thorium Energy Organisation  
[www.itheo.org](http://www.itheo.org)

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## Contributors

Paul Madden, Queen's College Oxford University: "Opening Remarks"

Ondrej Benes, JRC European Commission: "Chemistry of the Molten Salt Fuel"

Luc Van Den Durpel, AREVA: "Thorium Use in LWRs: Motivations and Perspectives"

Roger Barlow, University of Manchester: "Plans To Move Towards Construction of a Thorium Fueled ADSR in the UK" and "The ThorEA Organization"

Steve Peggs, European Spallation Source: "Synergies between the European Spallation Source (ESS) and Accelerator Driven Sub-critical Reactors"

Timothy Hughes, Siemens: "A Compact Proton Accelerator"

Peter McIntyre, Texas A&M University: "Accelerator Driven Thorium Cycle Fission: Green Nuclear Power for the New Millennium"

Svein Novik, Institute for Energy Technology: "Halden Reactor Project"

Julian Kelly, Thor Energy: "Thorium/plutonium fuel for LWRs"

Elling Disen, 233Thorwards: "233Thorwards Molten Salt Reactor"

Keishiro Fukushima, IThEMS: "International Thorium Energy and Molten Salt Technology Inc"

Michel Allibert, Grenoble University: "Steps Towards a Demonstration of a Molten Salt Fast Reactor"

John Kutsch, TEA: "Thorium Energy Alliance"

Eduardo D. Greaves, Universidad Simon Bolivar: "Venezuela's Thorium Deposit"

Yuki Sakuraba, Tokyo City University: "Alternative Fissile Start up Material for Molten-Salt Reactor FUJI"

Kazuo Furukawa, IThEMS: "Thorium Molten Salt Nuclear Energy Synergetic System"

David Leblanc, Carleton University: "Thorium and Uranium's Mutual Symbiosis, the Denatured Molten Salt Reactor (DMSR)"

Yoichiro Shimazu, Fukui University: "Proposals of a Preliminary Safety Criterion of MSRs for Abnormal Transients"

Ritsuo Yoshioka, International Thorium Molten-Salt Forum: "Controllability of MSR-FUJI"

Kirk Sorensen, Teledyne Brown Engineering: "Liquid Fluoride Thorium Reactor"

Stephen Tindale, Center for European Reform: "Influence Attitudes and Advocate Change"

Robert Hargraves, Dartmouth College: "Aim High"

Elsa Merle-Lucotte, Grenoble University: "Thorium Fuel Cycle and Molten Salt Reactor"

Timothy Norris, Acapo: "Patent Right Protection for Thorium Technologies"

Jerome Healy, Norwich Business School: "Full Life Cycle Economics of Thorium Energy Infrastructure"

Aiden Peakman, Manchester University: "A Feasibility Study on a Thorium Based Marine Reactor"

Claudia Guerrieri, Politecnico di Milano: "A Multi Physics Modelling Approach to MSR Primary Circuit Dynamics"

Luke Collie: "Simplified Reprocessing for Single-Fluid Fluoride Reactor"

Carlo Fiorina, Politecnico di Milano: "Preliminary Simulation Tool for the Analysis of the MSR Primary Loop Dynamics"

Victoria Ashley, Aker Solutions: "The ADTR Power Station"

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The Royal Institution Of Great Britain  
21 Albemarle Street  
London, W1S 4BS

## Programme schedule

The programme begins on **Sunday**, with a reception in Royal Institutin, 16:00 - 20:00

	Monday	Tuesday	Wednesday
08:00 - 09:45	<b>Welcome</b> Andreas Norlin Paul Madden	Svein Novik Julian Kelly Luc Van Den Durpel Stephen Peggs	William C. Horak John Kutsch Keishiro Fukushima Victoria Ashley Roger Barlow
		Tea / coffee break	
10:00 - 12:00	<b>Introduction</b> Kirk Sorensen <b>Technologies</b> Julian Kelly Roger Barlow Kirk Sorensen	Roger Barlow Peter McIntyre Timothy Hughes Ondrej Benes	Media Session
		Lunch	
12:45 - 14:45	<b>Environment</b> Stephen Tindale <b>Economics</b> Robert Hargraves <b>Documentary</b> Square Planet	Elsa Merle-Lucotte David LeBlanc Kazuo Furukawa Elling Disen	Elling Disen Eduardo D. Greaves Timothy Norris Rob Edgecock
		Tea / coffee break	
15:00 - 17:00	AMR Minerals ThorEA Aker Solutions ITheMS Thorwards ThorEnergy	Michel Allibert Ritsuo Yoshioka Yuki Sakuraba Yoichiro Shimazu	Closing
17:00 - 19:00		<b>Meet Thorium</b> An opportunity to look at a sample of thorium.	