

Interregional Nuclear Energy Information Workshop

August 3-6, 2015

Hosted By: International Programs Section
Argonne National Laboratory
international.anl.gov





THE PURPOSE

Training

PURPOSE

Provide Member States with a high level overview of the benefits, risks and challenges associated with nuclear energy.

FOCUS

- Making informed decisions
- Accessible information at an 'overview' level
- Addressing challenges and issues related to building a national position on nuclear energy



Dukovany Nuclear Power Plant, Czech Republic. Nuclear Technology has the potential to save lives, make food and medical supplies safer and produce energy.

Photo Credit: Petr Pavlicek, IAEA

THE COURSE

Welcome to Argonne National Laboratory

Introduction
to Argonne



Safety at
Argonne



The Lecturers and Staff

Program Manager: Sunaree Hamilton, Ph.D., Argonne National Laboratory



Larry Boing



Bruce Hamilton



Audun Botterud



Joe Braun



Ismael Concha Perdomo



Guenter Conzelmann



Walt Deitrich



Doug Hunter



Edward Kee



Paul Murphy



Hans-Holger Rogner



Ken Rose



Bruce Hamilton, Course Leader

Assessing
Competitiveness

Knowledge
Sharing and
Networking

Feasibility
Studies



Walt Deitrich

Evolution of
Nuclear Power
& Reactor
Technology



Ismael Antonia Concha Perdomo, International Atomic Energy Agency

Energy &
Nuclear Power
Planning

IAEA Energy
Planning Tools



Hans-Holger Rogner, International Institute for Applied System Analysis (IIASA)

World
Energy
Dilemma

SE4ALL,
MDG

Milestones
Approach



Larry Boing, Argonne National Laboratory

Waste Disposal
Solutions

Decommissioning
Solutions



Guenter Conzelmann, Argonne National Laboratory

Life Cycle Analysis

Energy
Diversity/Security



Joe Braun, Argonne National Laboratory

Nuclear Fuel
Cycle

Safety,
Licensing, &
Regulation

Feasibility
Studies



Edward Kee, Nuclear Economics Consulting Group

Comparative Cost
Structure

Impact of
Alternative
Electricity Industry
Structures



Ken Rose

Evaluating
Macroeconomic
Impacts



Audun Botterud, Argonne National Laboratory

Valuing Flexible
Operation in
Investment
Decision Making



Photo Credit: Argonne National Laboratory



Douglas Hunter, Utah Associated Municipal Power Systems

Economics
of SMRs



Photo Credit: www.bondbuyer.com



Paul Michael Murphy, Milbank, Tweed, Hadley & McCloy LLP

Nuclear
Financing
Challenges &
Prospects

Contracting &
Ownership
Models



THE PARTICIPANTS



Artan Meci

Albania





Zeljko Tomsic

Croatia



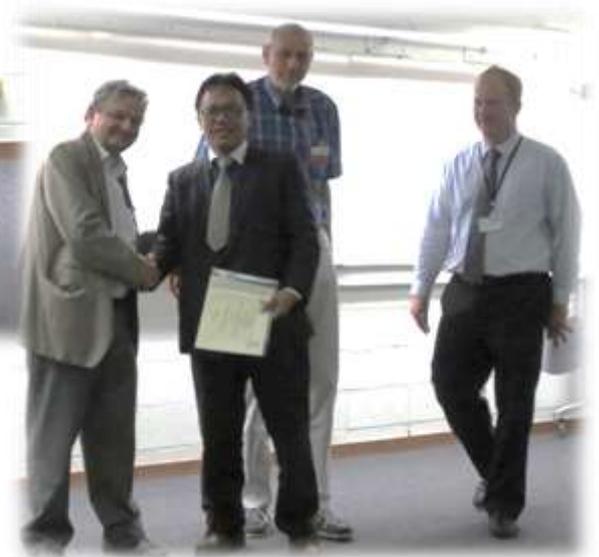


Stephen Yamoah Ghana



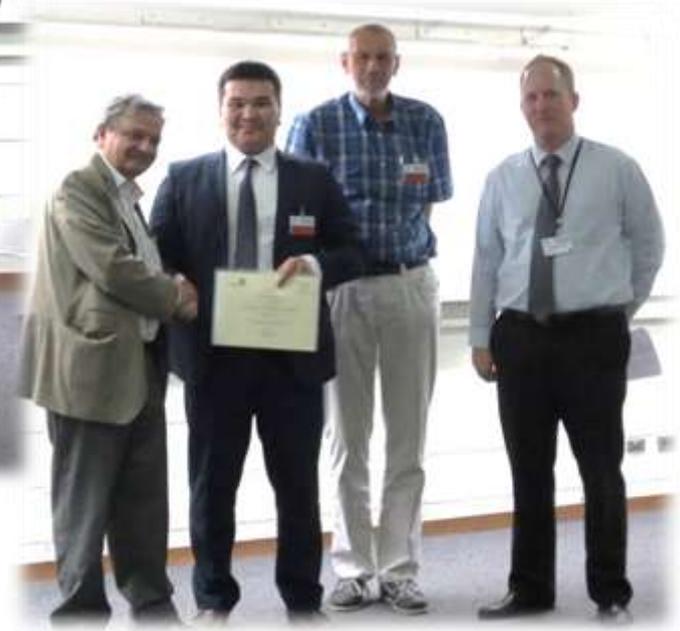


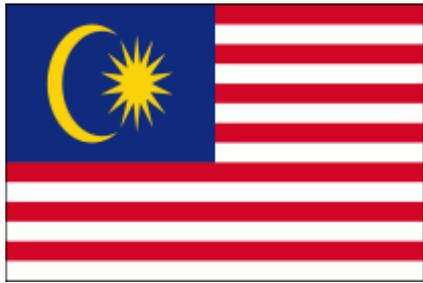
Sri Asmoro Indonesia





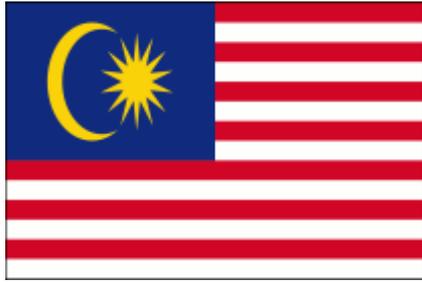
Aidos
Shadiyarov
Kazakhstan





Mohd Zamzam
Jaafar
Malaysia





Sumitra Jayaseelan Malaysia





Richard Zair

Morocco





Mahamadou
Oumarou Sidibe
Niger





Henagge Sunil
Somathilaka
Sri Lanka





Natekool Kriangchaiporn Thailand





Chaiyod Soontrapa Thailand





Khaled Debbabi

Tunisia





Carmella Atto Uganda





IAEA - Argonne
Interregional Nuclear Energy Information Workshop



<http://www.facebook.com/IPSection>

Want to see more photos from the course?

Visit and “like” our Facebook page.



THANK YOU