

International Seminar on The Essential Elements of Nuclear Security

3-14 October 2011




White Deer at Argonne





IAEA/Argonne
International Seminar on
The Essential Elements of Nuclear Security

A dramatic landscape featuring a valley with a bright light source, possibly a sun or moon, creating a strong glow and long shadows. The sky is dark with some clouds, and the mountains are silhouetted against the light. The overall mood is mysterious and awe-inspiring.

IAEA Staff
Course Directors
Lecturers

Tom Ewing



**Nuclear Engineering
Associate Division Director**



**Ann-Margreth Eriksson Eklund
International Atomic Energy Agency**



George Moore
International Atomic Energy Agency

Diana Naples



Training Course Director

Charles Roche



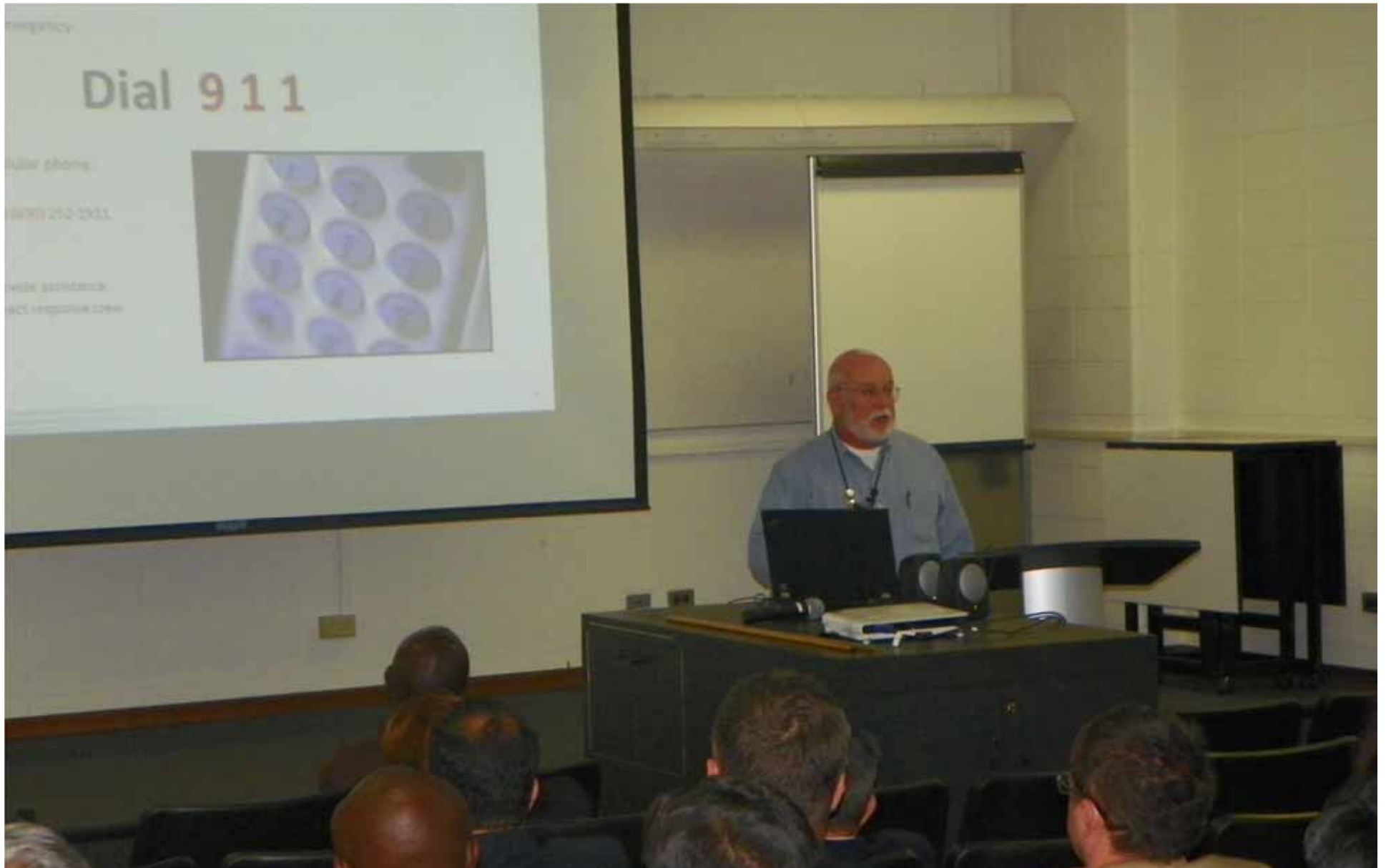
Training Course Director



**Luiz Fernando De Carvalho Conti
Brazilian Nuclear Energy Commission**



Sandy Guendling
Site & Security Briefing



Ralph Hinterman
Environmental Safety & Health Briefing



Anita Nilsson



J'Tia Taylor



Matthew Kwiatkowski



Dr. Robert Wagner

Nuclear Regulatory Commission



Gregg Hansen, Richard Skokowski, and Michael Mark LaFranzo



Raymond Klann



Bradley Micklich



E. Frank Moore



Elly Melamed



Dr. Mark Cichon



**Fire Chief
Craig Patterson**

Participants and Staff Hard At Work

BOOM

THEORY
PRACTICE

KNOWLEDGE

SCIENCE





















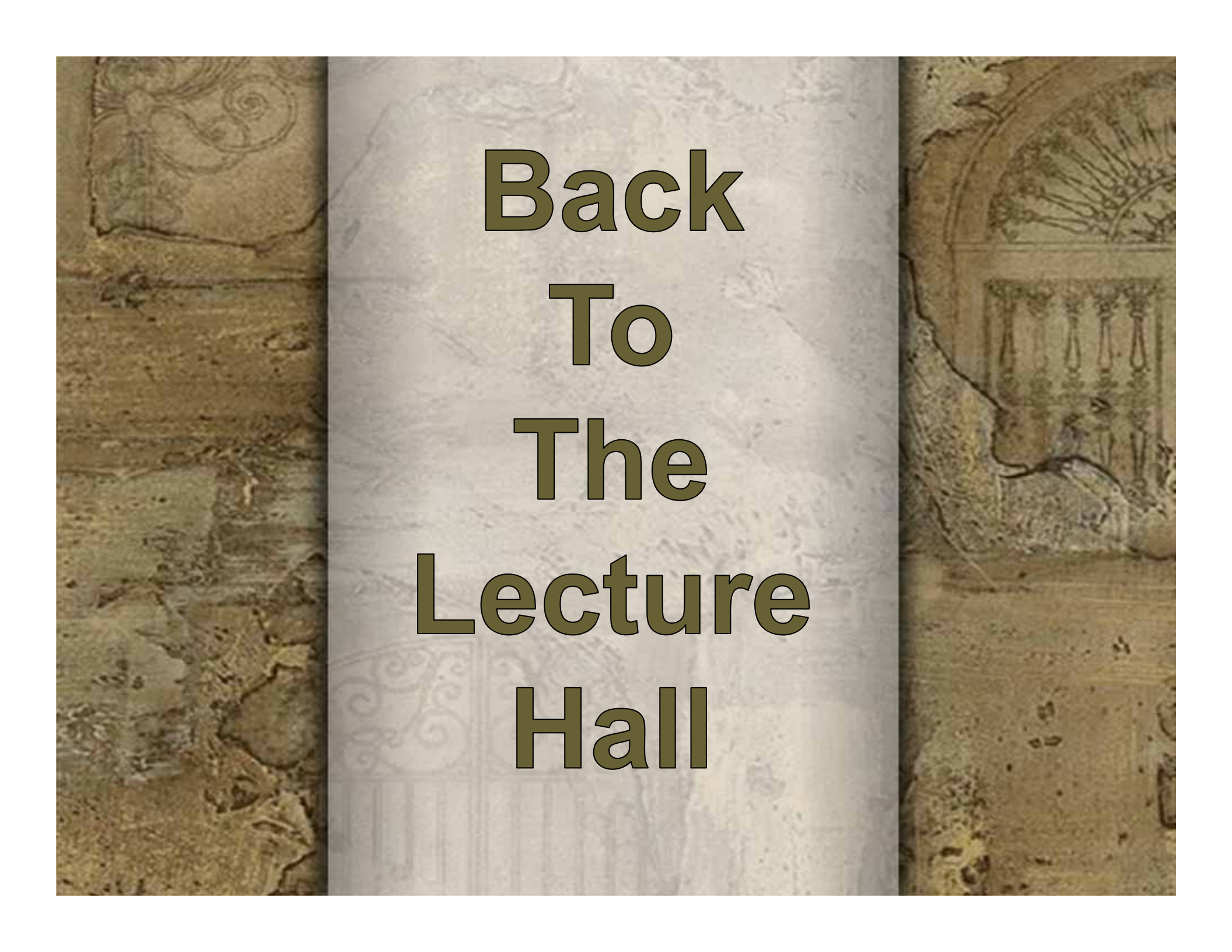






**Coffee Break
Very Important !!!**



The background of the slide features three vertical panels of ancient Egyptian hieroglyphs. The left and right panels are dark brown and show detailed carvings of various symbols, including lotus flowers, birds, and human figures. The central panel is a lighter, greyish-brown color and shows fainter, larger-scale hieroglyphs, possibly representing a temple facade or a large inscription. The overall aesthetic is that of an archaeological site.

Back To The Lecture Hall







- We must develop a joint mechanism of rescue operations within CIC.
- Periodic meetings of Regional Command Centre hierarchy.
- Table top exercises on regular basis.
- Training courses to be arranged within CIC to meet the terrorist attacks jointly.
- Air lift is still the most economical way of transporting radioactive sources , however we need to improve the security.
- Medical hospital stores to keep the medical reserves for 5 days contingency.
- All emergency and stand-by equipment at our industrial units need to be checked on regular basis and our ministry of environment shall depute special inspection team for the purpose.
- We need to call for a meeting with media stake holders and reiterate the "code of conduct" for coverage of such incidents.
- We need to practice a "Personal Reliability Programme" and only reliable people be kept for ensuring personal security of PM and President.







Director for Nonproliferation, National Security Council
Adam Scheinman

























Tour of the Argonne Fire Department





















FINAL EXERCISE

Aran



Danku



Baki



Hanover

Catistania



New
Catland

Dadistan



Dadi

















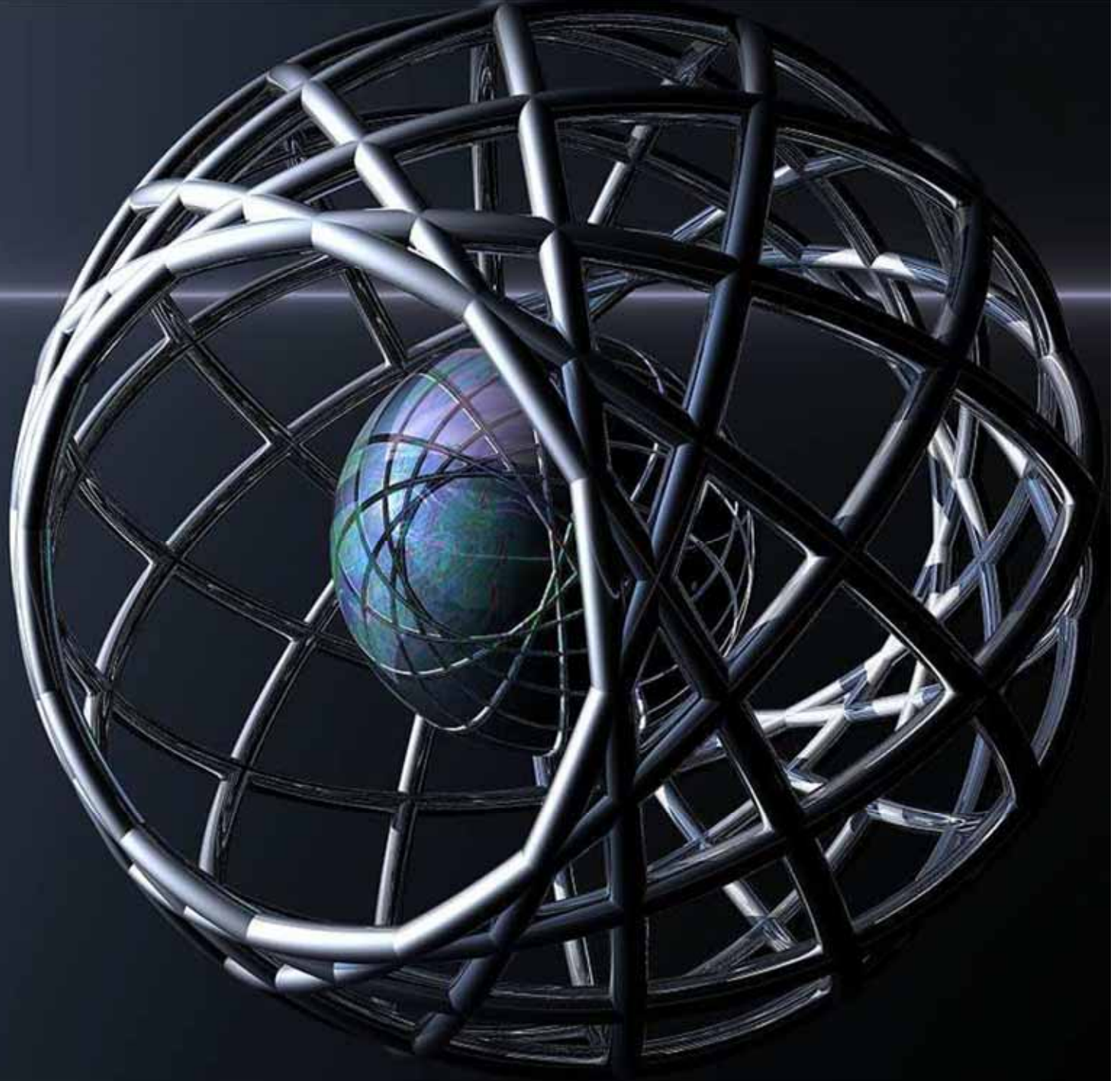








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Fateh Chennoufi
ALGERIA







Rabah Zaghouane
ALGERIA







Luis Cardoso
ANGOLA







Simao Manuel Nhangá
ANGOLA







Alena Dashouk
BELARUS







Mikhail Pigulevskiy
BELARUS







Valery Zholudzeu
BELARUS







Archil Khvedelidze
GEORGIA







Guram Nikoleishvili
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Deva Nand Sharma
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Horace André Glaze
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Junior Noel Gordon
JAMAICA







Edward George Chingaipe
MALAWI







Frank M. Kayange
MALAWI







Rafael Morgado Acosta
MEXICO







Charles Adakole Agbo
NIGERIA



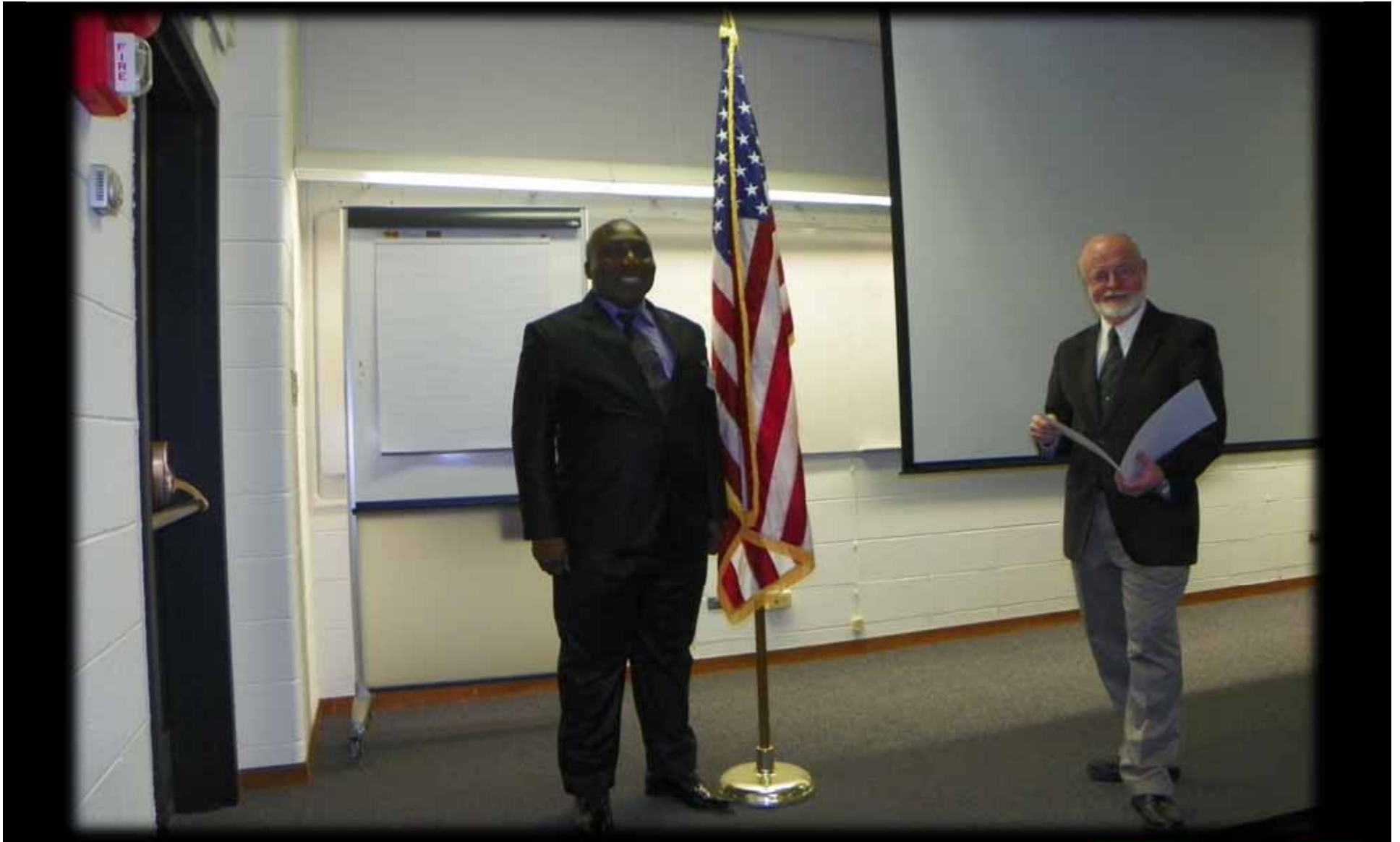




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NIGERIA







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Waqas Mehmood Butt
PAKISTAN







Amir Ali Khan
PAKISTAN







Ahmed Saeed Minhas
PAKISTAN







Atena Niculescu
ROMANIA







Aydin Acar
TURKEY







Cihat Acar
TURKEY







Musa Sancar
TURKEY







Nadiia Chorna
UKRAINE







**Celebrating
a
Job Well Done**



















CONGRATULATIONS



PARTICIPANTS