

# Regional Training Course on Quality Assurance of Physical and Technical Aspects in Radiotherapy

12- 23 September 2011



# White Deer at Argonne





# Executive Staff



# Jordi Roglans-Ribas



# Will Hanson, Sunaree Hamilton, & Francisco Aguirre



# Jose Francisco Aguirre







**David Followill**

# William F. Hanson



# Participants and Staff Hard At Work

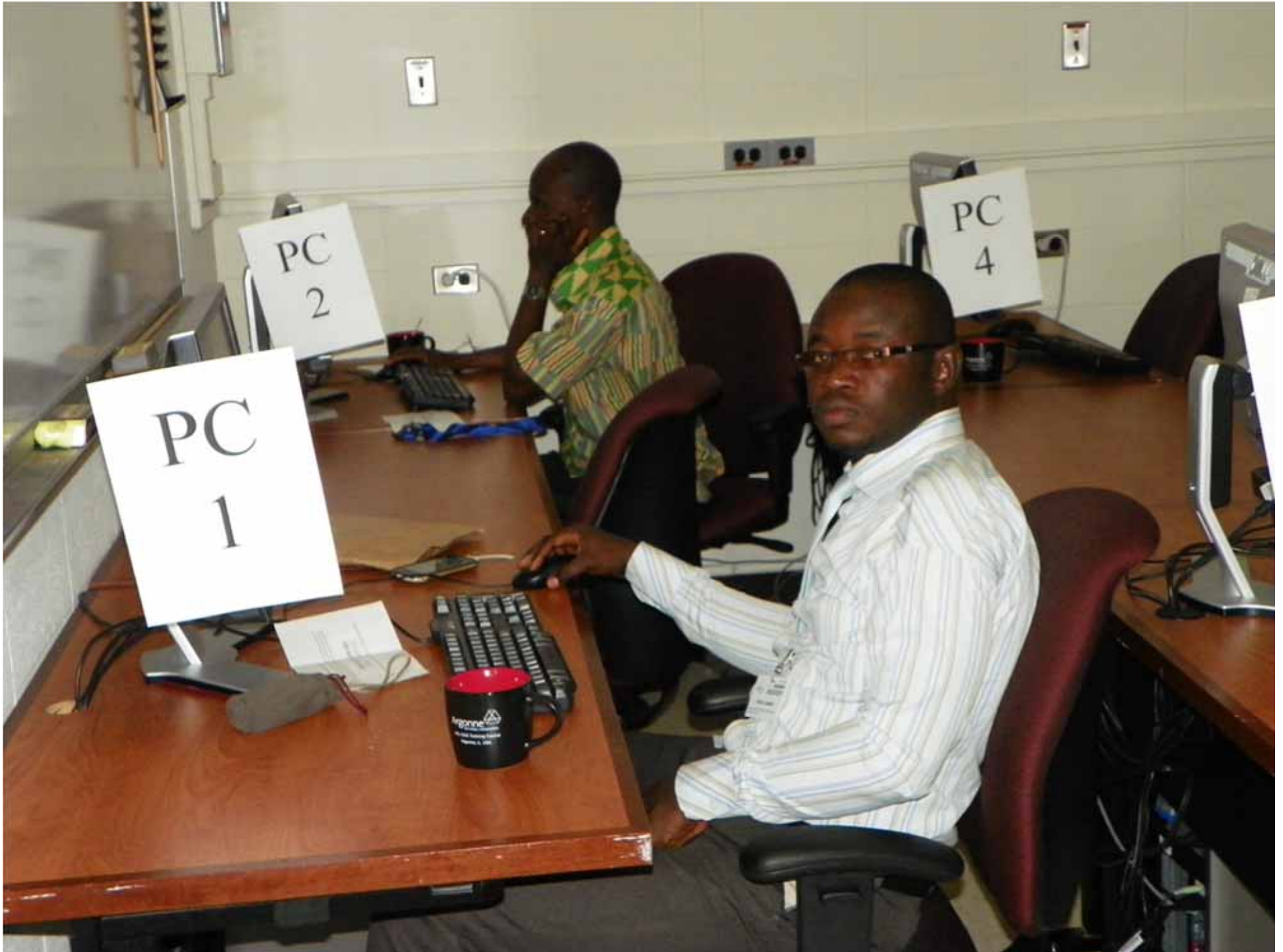
BOOM

THEORY  
PRACTICE

KNOWLEDGE

SCIENCE















# Time For A Break















The background of the slide is a collage of ancient Egyptian art. It features several panels of hieroglyphs and carved reliefs. On the left, there's a vertical strip with a circular motif. The center has a larger, faded panel with a figure. On the right, there's a panel with a sunburst and a seated figure. The overall color palette is earthy, with browns, tans, and greys.

# Back To The Lecture Hall



# Mohammed Saiful Huq



# John A. Antolak





**Madeline G. Palisca**



**Peter Balter**



**Jake Van Dyk**

# Rajat J. Kudchadker



# Mohammad R. Salehpour



# Bruce Thomadsen



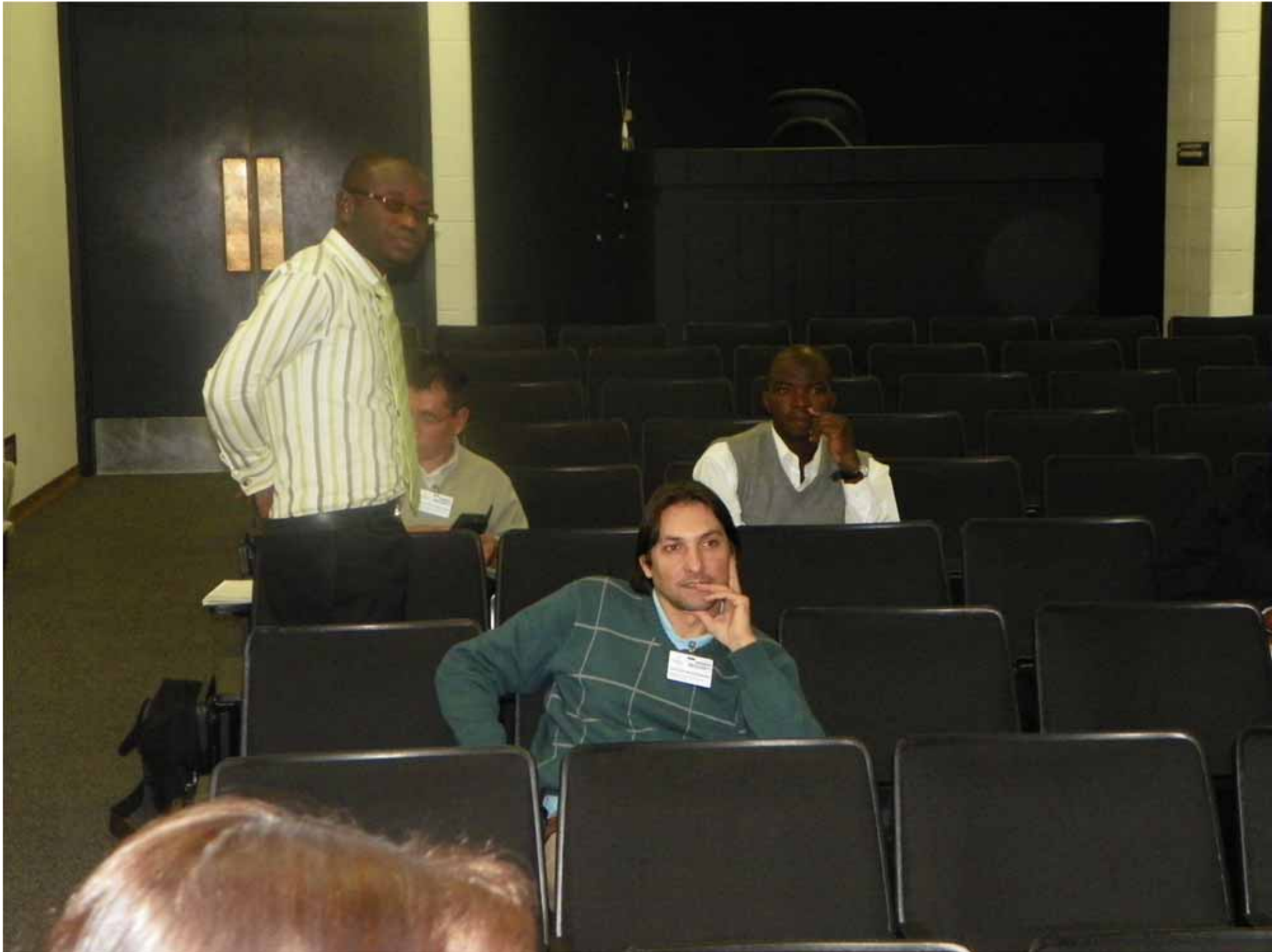




alism for the calculation of treatment time of  
cal photon beams produced by Cobalt-60 units  
time the unit is calibrated in air. Dose output is  
ified to an "equilibrium mass of muscle  
ue" (enough mass to electronic equilibrium).  
izes same equations for field dose computation  
defined in the Linear Accelerator equations.  
e treatment time necessary to deliver a given  
scription dose prescribed to an isodose line  
ng a fixed SSD setup is:











***Participants Receive Certificates***



**Joseph Adom**  
**Ghana**









**Samuel Nii Adu Tagoe**  
**Ghana**







**Salwa Boutayeb Ep El Haiji**  
**Morocco**







**Kamal Saidi**  
**Morocco**







**Harouna Nassirou**  
**Niger**









**Hannelie Mac Gregor**  
**South Africa**







**Thuso MacDonald Ramaloko**  
**South Africa**







**Fawzia Alsadik Elbashir**  
**Sudan**







**Moses Katumba**  
**Uganda**









**Alex Mpugi**  
**United Republic of Tanzania**







**Barbara Chanda M'ule**  
**Zambia**







**Nzwisisai Edmore Dzangare**  
**Zimbabwe**







**Melvyn José Hernández Campos**  
**El Salvador**









**Víctor Daniel Ocariz Ayala**  
**Paraguay**







**Sr. Marcelo Alejandro Godin Eirin**  
**Uruguay**







**Marco Antonio Manríquez Hermoza**  
**Bolivia**







**Gerson Polanco Dominguez**  
**Dominican Republic**









**Khalsa Al Shukaili**  
**Oman**











**Celebrating  
a  
Job Well Done**













Congratulations

Anne Marie