Joint ICTP-IAEA Workshop on
Environmental Mapping:
Mobilising Trust in Measurements
& Engaging Scientific Citizenry

Introduction

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Welcome Willkommen Benvenuto Bienvenido Tervetuloa Valkommen yokoso powitanie

- Few words on the school
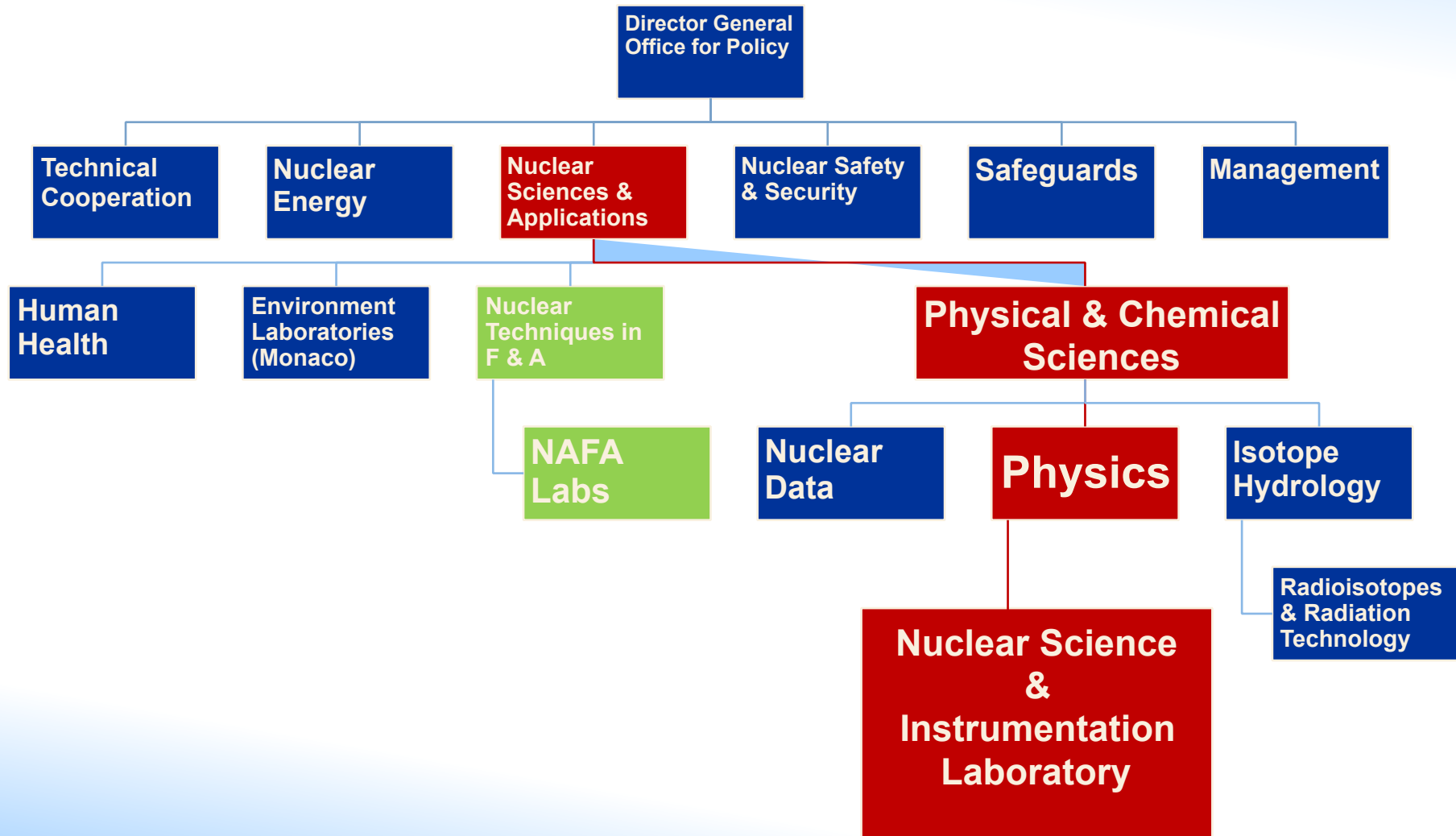- Intro to IAEA
- School Rules!
- Opportunities
- Events

The Workshop

- Practical
- Not just the organised sessions
- Discussions, contacts, "networking"
- Build bridges, share ideas, be philosophical

- Philosophy - Heart of this workshop

IAEA by the numbers

- Created in **1957**
- **168** Member States (Jan'17)
- **2400+** Staff
- **1** Headquarters (Vienna)
- **2** Liaison Offices (New York, Geneva)
- **2** Regional Safeguards Offices (Tokyo, Toronto)
- **3** International laboratories and research centres
- (Seibersdorf, Monaco, Trieste)

Organisation

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                    ┌─────────────────────┐
                    │  Director General   │
                    │  Office for Policy  │
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Technical Cooperation	Nuclear Energy	Nuclear Sciences & Applications	Nuclear Safety & Security	Safeguards	Management

Human Health	Environment Laboratories (Monaco)	Nuclear Techniques in F & A	Physical & Chemical Sciences

NAFA Labs

Physical & Chemical Sciences

Nuclear Data	**Physics**	Isotope Hydrology

Nuclear Science & Instrumentation Laboratory

Radioisotopes & Radiation Technology

IAEA Statute, Article II

- The Agency shall seek to accelerate and enlarge the contribution of atomic energy to peace, health and prosperity throughout the world.

U.S. President Dwight D. Eisenhower addresses the U.N. General Assembly, 8 December 1953
Atoms for Peace Speech

Nuclear Sciences & Applications (NA)

- *"to enhance [the IAEA's] role in promoting the advantages of nuclear technology and applications where they have an added value for addressing basic human and socio-economic development needs and in promoting capacity building in Member States"*

- *In the Areas of:*

Food Security   Human Health

Cancer Control   *Water Resources Management*

Industrial Applications   *Environmental Protection*

Nuclear Sciences & Applications (NA)

Nuclear Applications
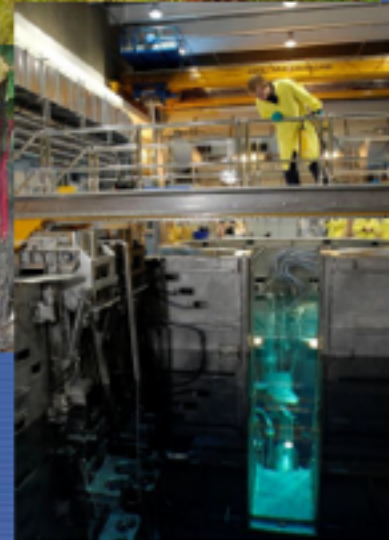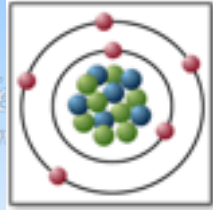
Courtesy & Consideration

- The only RULE
- International
- Diverse
- Common Sense*
- Harassement

- Peers
- Faculty

Punctuality

- Busy programme
- Many Lecturers
- Invited to someones "house"

- Courtesy to peers & faculty

Superheroes

- Lots of computers
- In general you have admin rights
- admin rights = admin PRIVILEGES
- Take care and don't abuse the systems
- USERS not OWNERS i.e don't change:
  - desktops
  - settings
  - personal little preferences

Opportunities - Presentations

- Short 8 + 2 research presentations to peers
- Strongly encourage - both to give and to listen
- Best Presentation Prize

- Good practice - even for those experienced (diverse audience)
- Novices watch the experienced
  - mark them yourself

Opportunities - Hardware

- bGeigie Nano
- Soldering
- Batteries
- Take help!
- If you asked for the kit
  - build it!
  - fully complete the workshop
  - in your presentation tell us what you'll do with it
  - get it "on-loan"

Receptions

- Tonight
- Ice cream social next week
- Farewell social
  - prizes for the best spies
  - Tweet your info!

Ice Cream Social

Day Trips

- Two castles
- Waterfront
- Venice!
- Data collection!

- Not formal but we can gather groups and make help arrangements

Social Media / Photos

- Twitter: #smr2858 #CitizenScience
- Comms group using Telegram
- Photos
  - **https://goo.gl/photos/DR4RkWomeakRcwhaA (preferred)**
  - https://www.flickr.com/groups/smr2858
  - **if you have a flickr account you can be a member of the group and post your photos (open to public)**
  - **take lots!**

Go forth…

- **Enjoy yourself**
  - **personally**
  - **professionally**
  - **these workshops are a truly wonderful opportunity to have life changing, career changing experiences (ask some of the others)**
  - **…but only if you are willing to invest something of yourself in it.**

"I am tomorrow, or some future day, what I establish today. I am today what I established yesterday or some previous day."