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UNESCO Office in Venice



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*Workshop on
Higher Education and Professional Responsibility
in CBRN Applied Sciences and Technology
Across the Sub-Mediterranean Region*

3-4 April, 2012

UNESCO Venice Office, Palazzo Zorzi

Venice, Italy

DRAFT AGENDA

Organized by



UNESCO Office in Venice



Draft Agenda

April 2nd

Participants' Arrival
Welcome Dinner

April 3rd

9:00-9:30

Opening and Welcome Session by the Organizers

*Chair with addressing remarks: TBD**

- UNESCO [Dr. Mario Scalet, Head of Science Unit, Italy]
- ISESCO [Prof. Dr. Ahmed Mukhtar, Deputy Director General, Morocco]
- LNCV [Maurizio Martellini, General Secretary, Landau Network-Centro Volta, Italy]

9:30-11:00

Session 1: Status - Culture of Safety and Security and Responsible Science

This session will present the current status of Education, Outreach and Adherence to International Standards on CBRS Applied Sciences and Technology across the Sub-Mediterranean Region. Combined with the background work performed by the Organizing Committee previous to the Workshop assessing the needs and priorities characterizing the Region, this session will help better understand how to carry out future outreach efforts.

Chair with addressing remarks: TBD

Keynote Presentations

- Background Work: Status, Opportunities and Challenges [Faiq Billal, ISESCO, Morocco, TBC**]
- Reports on Progress since BBIC-2007 and Preparation for BBIC-2013 [TBD]
- Implementing Best Practices and Training [Ministry of Health/Education, TBD]
- Professional Responsibility and Voluntary Codes of Conduct [Karim Bessaoud, BioMérieux, TBC, and Ministry of Health, Algeria, TBD]
- Sharing Principles on Ethics, Safety and Security for greater Scientific Collaboration [L'Oréal-UNESCO Laureate, TBD]
- Responsible Research Conduct and Publication Oversight [TBD]

Roundtable Discussion

All the Participants are kindly invited to take an active part to the roundtable discussion regardless their background.

11:00-11:15 Coffee Break

* TBD: Speaker has to be determined.

** Keynote presentations should last no more than 10 minutes.

*** TBC: Speaker has to be confirmed.

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11:15-13:00

Session 2: Identifying Priorities and New Technologies Challenges

This session will outline some of the new challenges stemming from advanced scientific and technological areas. While facilitating the development of advancing technologies is essential to address humanity's challenges, assessing and mitigating associated risks should ensure a sustainable development and help build trust for the benefit of the population, the scientific community and the business sector.

Chair with addressing remarks: TBD

Keynote Presentations

- State of the Future and Advancing Technologies [José Cordeiro, Millennium Project and Singularity University, Silicon Valley, USA, TBC]
- ICS Vulnerabilities and National Critical Infrastructures [TBD]
- Food Security and Infectious Disease: Public-Private Partnership [Karim Bessaoud, BioMérieux, Algeria, TBC, and Ministry of Health, Algeria, TBD]
- Nanotechnology Benefits and Nanoparticles Life Cycle [Tunisia's National Agency of Environmental Protection, North African nanotechnology research centre, FM6E, IBM Research, TBD]
- Radioactive Waste Management [Carpintero-Santamaría, Institute of Nuclear Fusion, TBC]
- Greening Chemistry Principles [EASC, TBD]
- Laboratory Safety and Security within Universities [TBD]

Roundtable Discussion

All the Participants are greatly invited to take an active part to the roundtable discussion regardless their background.

13:15-14:00

Lunch Break

14:00-15:45

Session 3: Inspiring Initiatives and Scientific Cooperation

This session will address how Universities and the Scientific Community of the Sub-Mediterranean Region can better coordinate their actions with other relevant stakeholders to develop a Culture of Safety and Security as well as to enhance scientific cooperation. Future projects can be designed upon successful experiences and initiatives dealing with awareness raising and scientific exchanges.

Chair with addressing remarks: TBD

Keynote Presentations

- Caravane Bio [Mohammed Benbouida, AMBS, Morocco, TBC]
- ISIS Euro-Mediterranean Master [Amira Zaky, University of Alexandria, Egypt, and, Isabelle Perroteau, University of Turin, Italy and European Commission, TBC]
- Empowering the Next generation of Scientists [Zabta Shinwari, Quaid-i-Azam University, Pakistan, TBC, and Giulio Mancini, LNCV, Italy, TBC]
- ISESCO Virtual Platform, [Federation of University of the Islamic World and ISESCO, TBD]
- Educative Modules [Kavita Berger, AAAS, USA, Hechmi Louzir, Institut Pasteur de Tunis, Tunisia, TBC]

Roundtable Discussion

All the participants are greatly invited to take an active part to the roundtable discussion regardless their background.

15:45-16:00 Coffee Break

15:45-17:30

Breakout Groups Session: Building a "Culture of Safety and Security" and "Professional Responsibility"

This session will divide the participants into 2/3 groups, according to the different subtopics preselected by the Organizing Committee. As cross-fertilization of ideas should trigger innovative solutions, this brainstorming session should contribute to the elaboration of an action plan and future directions to be completed after the Workshop. Eventually, this session should serve as the basis for the creation of a virtual platform and other outreach activities as part of the Workshop "After-Life".

Group I - "Leading by Example"

1. Rewarding Young Scientists and Young Ambassador
2. The role of Key Figures and Attracting Talented People Back Home
3. Gold Standards and Codes of Conduct, the Private Sector Competitiveness for the benefit of Society

Group II - Monitoring a Wikipedia Model and greater Interaction between Existing Networking

4. Outlines for a user-friendly Wikipedia Model
5. Making better use of existing networks
6. Available material, online sources and languages of translation

Group III - "Making it Happen"

7. Developing and gauging tangible results to rise future funding in order to sustain long-term programs
8. Involving the industrial and private sector for greater Public-Private Partnerships

17:30

Conclusions of the First Day

20:30

Social Dinner

April 4th

9:00-9:30

Summary from the First Day

9:30-10:45

Reporting from the Breakout Groups

Short rapporteurs' summary of breakout groups meetings

Roundtable Discussion

All the participants are greatly invited to take an active part to the roundtable discussion regardless their background.

10:45-11:00

Coffee Break

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11:00-12:45

Session 5: Future Directions - Recommendations and Action Plan

This session will touch on future priorities and discuss what the various stakeholders, having an interest in higher education for a Responsible Science, should do in terms of future activities. With this in mind, emphasizing on the scope for greater collaboration and coordination between a wide range of key actors is at the utmost importance.

Chair with addressing remarks: TBD

Keynote Presentations

- Building Trust and Joining Efforts to Promote Business Activities [North African Nanotechnology Research Center, University, TBD]
- Autonomy and Advice: Preparing Young Scientists to be Involved into Decision Making Process [L'Oréal-UNESCO Laureate, TBD]
- Education Prestige, Professional Responsibility and Economic Development [University, TBD]
- Women in Science [Nisreen AL-Hmoud, RSS, Jordan, TBC, L'Oréal Enterprise Foundation, France, TBD]
- Common E-Learning, A monitored Wikipedia Model [Federation of University of the Islamic World and UNESCO, TBD]

Roundtable Discussion

All the Participants are greatly invited to take an active part to the roundtable discussion regardless their background.

12:30-13:00

Conclusion and adjournments

Chair with addressing remarks: TBD

- Recommendations and Action Plan from the Organizing Committee, TBD

13:00

Final Lunch