

# ASP Scientific Program Integration - Overview

Kétévi A. Assamagan

BNL

# Scientific Program

- Astrophysics & Cosmology
- Nuclear & Particle Physics
- Accelerator, Radiation & Medical Physics
- Material Physics
- Renewable Energies & Energy Efficiency
- High Performance Computing
- Physics Education
- Physics Communication
- **Quantum Information**
  - **ASP2020 LOC asked to add this to the agenda (Specific interest to Morocco)**
  - **The LOC had given feedback that they have experts to design and teach this course. They are also interested in international collaborations in this area.**

# Scientific Activities

- **Students Program**
  - 3 weeks
- **Teachers Program**
  - 1 week
- **Learners Program**
  - 1 week
- **ASP Conference**
  - 1 week
- **ASP Forum**
  - 0.5-1 day
- **ASP Mentorship**
  - Continuously at all times
- **We need contributions from the LOC**
  - We've received the feedback and inputs from the LOC

# The Activities (1)

- **Students Program**

- July 5-25
- Venue: Cadi Ayyad University, Marrakesh
- Students arrive July 4-5 and depart July 25-26
- **Plenary talks, special lectures, colloquia, student poster session, student oral presentations**
  - **To be moved to in the ASP Conference to avoid duplications**
  - **This leaves the student program to be lectures and experimentation**

# The Activities (2)

- **High School Teachers Program**

- July 13-17
- Teachers from Morocco, selected by the LOC and the Ministry of Education. To arrive on July 12, and return on July 18
- Venue: Cadi Ayyad University
- Number of teachers will be determined by budget and contributions from LOC institutes
- **May have to do some of the program in French**
  - **Teachers program and high school outreach to be done in French**

# The Activities (3)

- **High School Pupils (learners) program**
  - July 20-24
  - High schools are the venue in Marrakesh
  - Lecturers to visit one high school a day. 5 visits total. Pupils from a few high school to congregate at one location
  - 200-250 pupils per 4-hour session. 2 sessions per day, except Friday July 24 where we plan for only morning session
  - Total number of high schools and pupils to be determined by budget and LOC contributions
  - **May have to do some program in French**
    - **In French**

# The Activities (4)

- **The ASP Conference**

- July 9-15
- Venue: Cadi Ayyad University Marrakesh
- July 9-10
  - The students will be present at the conference for the full day
- July 13-15
  - The teachers & students will be at the conference
- About 60-80 extra participants for the conference, not counting lecturers that are also conference speakers
- The conference may end with either
  - the ASP Forum and ASP dinner in the afternoon and evening of July 15 if the Forum will be on July 15
- **Peer-reviewed articles to be published Special issue of the African Physical Review (APR) --- Editorial Office managed at the ICTP)**

# The Activities (5)

- **ASP Forum**

- Afternoon of Wednesday July 15, or afternoon of Saturday July 18—to be decided with the LOC
- Venue: Cadi Ayyad University Marrakesh
- ASP Dinner
  - In the evening of July 15 or July 18, after the ASP Forum
  - Serves as ASP conference dinner if on July 15
  - Present: teachers, students, lecturers of that week, and conference participants ( if the Forum will be on July 15)
  - Total participants: ~250



# Integration & Parallel Activities

**Designed to minimize the number of parallel activities  
Students and Teachers participate maximally in the Conference**

July 6	July 7	July 8	July 9	July 10
Students Program			ASP Conference	
Only the students Present			Attended by Students	

July 13	July 14	July 15	July 16	July 17
ASP Conference			Students Program	
Attended by Students and by Teachers			Teachers Program	
		Possibly ASP Forum		

July 20	July 21	July 22	July 23	July 24
Students Program				
Learners Program				

# Other Activities

- **Saturday July 11**

- Excursion for students and conference participants

- **Saturday July 18**

- ASP Forum if the forum is not on Wednesday July 18
- Preference July 18: will be discussed with the LOC

# Tasks—Before ASP Starts

- **Students**
  - Program
  - Lecturers Selection
  - Students Selection
  - Students Travel Arrangements
- **Teachers**
  - Program
  - Leachers Selection: by the LOC and the Ministry of Education
  - Teachers Travel arrangement: by the LOC
  - Lecturers Selection
- **Learners**
  - Program
  - Selection: by the LOC and the Ministry of Education
  - Venues: determined by the LOC
  - Lecturers Selection
- **Conference**
  - Program
  - Information for participants
  - Invitation to speakers
  - Selection of ASP alumni students participants
- **ASP Forum (KM3Net, Themes)**
  - Program
  - Invitation to speakers
- **Maintenance of website**
- **Budget**
  - Seeking and collecting funds
  - Down payment of services
- **Overall Coordination all the above**

# Tasks—Specific to the LOC

- **All Logistics**

- Excursion
- Conference and/or Forum Dinner(s)
- Airport transfers of participants
- Visas for participants
- Etc ...

# Tasks—During the ASP & together with LOC

- Logistics and issues related to students (3 weeks)
- Logistics and issues related to Teachers (2<sup>nd</sup> week)
- Logistics and issues related learners (3<sup>rd</sup> week)
- Lecturers and Conference related issues (1<sup>st</sup> & 2<sup>nd</sup> week)
- Forum (2<sup>nd</sup> week)
- Excursion (1<sup>st</sup> weekend) and ASP Dinner (2<sup>nd</sup> week)
- Coordination of recording, filming and photography (3 weeks)
  - Work strategically with Gilbert Tékouté
- Budget
  - 2nd payment of services

# Tasks—After the ASP

- Conference Proceedings
- Final payments and budget report
- Activity Report
- Finalization of video clips
- Update of Website
  - with selected photos and video clips, etc.
- ASP Mentorship Program

# Collective Responsibilities

- **IOC is collectively responsible for all the tasks**
- **If one does not do the assigned tasks, or for which one had volunteered, someone else will do it**
  - One single individual should not hold up progress
  - If you are going to be absent, you should inform the rest of the IOC so that if progress should be made in your absent, your tasks are re-assigned in the interim
- **One should understand the timeline for the completion and/or finalization of task(s)**
  - Should not expect to have to be reminded to complete tasks
  - Expect to report progress at IOC monthly meetings or extraordinary meetings
  - All meetings, even those related to specific tasks to be announced so that everyone that wishes may attend
- **Other ad hoc tasks may crop up**
  - To be discussed and assigned at the moment