

Microscience Workshop program

DAY 1 Monday July 5th 2010

Time	Activity
08: 00	Registration
08.20:	Opening Ceremony
09:00	Microscience experiments – Introduction to the Global Microscience Project Presentation by <i>Academician A. Pokrovsky</i>
10:30	Break
11:00	Practical Sessions – Professor A. Pokrovsky 1. Testing for Ions in Aqueous Solution Part 1. Testing for Sulphate Ions Part 2. Testing for Halide Ions 2. Chemical Equilibrium - Le Chatelier's Principle Part 1. Effect of Concentration. Part 2. Effect of Temperature
12:30	Lunch
13:30	Practical Sessions. Prof. A. Pokrovsky (with assistance of local post-graduate students) 3. Preparation and Properties of Sulphur Dioxide 4. Air Pollution by Sulphur Dioxide <u>Part 1.</u> Uncontrolled Emission <u>Part 2.</u> The Function of a Chimney in Dispersal <u>Part 3.</u> Elimination of Emission by Absorption
15:00	Break
15:30	Practical session. Prof. A. Pokrovsky . 5. Reduction of Copper Oxide 6. Electrolysis of Water.
16.30	Discussions <i>Chaired by Prof. A. Pokrovsky</i> Input from participants Recommendations
17:00	Closing Ceremony

DAY 2 Tuesday July 6th 2010

Working consultations on the creation of Sudanese version of the teaching and learning materials on Microscience experiments

09:00 **Chemistry** - Consultations with **Chemistry** education specialists responsible for curriculum development and teacher training.

12.30 Lunch

13.30 Selection of teaching and learning materials from UNESCO Chemistry teaching materials that correspond to the Sudanese National Curriculum

15.00 Break

15.30 Discussion on the possibilities to test selected Microscience experiments – **if needed**.

DAY 3 Wednesday July 7th 2010

09:00 **Physics, Biology and Basic level** - Consultations with **Physics, Biology and Basic level** education specialists responsible for curriculum development and teacher training.

12.30 Lunch

13.30 Selection of teaching and learning materials from UNESCO Physics, Biology and primary level teaching materials that could be adopted and integrated into Sudanese National Curriculum

15.00 Break

15.30 Discussion on the possibilities to test selected Microscience experiments – if needed.

DAY 4 Thursday July 8th 2010

Working consultations with **UNESCO/Khartoum office** and **Sudanese National authorities** on the follow up actions after the workshop and consultations.
