

NOMMO ASTRONOMIA

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Association for Amateur Astronomy in Gabon

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Gabon National Node for IYA09



<http://ama09gabon.weebly.com/>

« Of Astronomy & Sciences »

A way forward in Education through IYA09

Libreville (GABON), March, 2009 (envisaged start)

A mobile scientific journey with a duplicated one standing at a major cultural centre in Libreville (Gabon)

Minimum subvention requested :

700 Euros (2 pairs of binoculars + 1 solarscope + 1 way ticket SA/Gabon)

Total Budget : 2 560 Euros (*details on page 2*)

Contact : Patrice OKOUMA , Single Point of Contact for Gabon

Chair, **Gabon National Node for IYA09**

Head, **NOMMO ASTRONOMIA**

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La Poste Gabonaise

Account number : 00100400003 ; Code bank : 42002

Code Agency : 01001 ; Cle RIB : 54

Workshops :

Video session : Venue dedicated to the projection of multimedia materials from NASA, European Space Agency (ESA), South African Astronomical Observatory (SAAO), Centre National d'Etudes Spatiales (CNES), Gabon involvement in the European Space Programme, etc.

Mobile Exhibition with a duplicated one standing in a dedicated Venue

- Posters about the Solar System, Astronomy & its techniques, Space science and their applications.
- Session in mobile planetarium : 2 mobile planetarium are expected;
- Observations of the Sun: 1 telescope (204 mm), 2 solarscopes.
- Nighttime observations: 1 telescope Celestron 204mm & 2 telescopes Meade ETX 90mm.

Mobile workshops

Pedagogical sessions of introduction to the solar system dimensions, using properly scaled models. The goal being to give every participant a good perception of the shape, the size, the density of Earth with respect to the Sun and other planets of the Solar system.

Mobile Lectures/Conferences/ Talks

- Modern Astronomy : Past, present & future
- Astronomy in Africa : Past, present & future / Gabon and ESA : A long march
- 2009, the International Year of Astronomy : A chance for Gabon & Africa
- *Dimungui* : Animistic Cosmology. Challenges & perspectives

Brainstorming session with invited Educators on ways to better use Astronomy for (science) Education, with, in view the organisation of an in-depth workshop in 2009

Radio/TV programmes with Quizzes and prizes

How to build : a refractor; a sundial; a simple sextant; a simple water rocket.

"The Two Starry Nights" : Two nights in 2009 dedicated to the Heavens (Radio, Tv, word of mouth)

How to become a professional Astronomer in Africa & elsewhere : Presentation of Astrophysics and Space Sciences oriented postgraduate studies in Africa, as well as existing and future careers in Astrophysics and Space Sciences on the African continent.

Cost estimates (Budget)

01	telescope Celestron Nextar 130 SLT	650	euros
	Eyepieces SkyOptics	400	euros
02	pairs of binoculars Celestron	2*120	euros
01	support for binoculars	1*50	euros
01	solar filter astrosolar	1*50	euros
02	solarscopes	2*100	euros
01	Video-projector BENQ	1*570	euros
01	Flight Ticket (SA/Gabon)	1*400	euros

TOTAL **2 560 euros**

The materials will preferably be in French language and will be owned by the now Legalized Association **NOMMO ASTRONOMIA** , for future initiatives and developments