



Observatoire
D'Astrophysique
Université de Ouagadougou

Université 
de Montréal

IAU Symposium No. 277
Tracing the Ancestry of Galaxies
(on the land of our ancestors)

2010 December 13-17

Ouagadougou, Burkina Faso

www.iaus277.org

FIRST ANNOUNCEMENT

This conference is organized by the Observatoire d'Astrophysique de l'Université de Ouagadougou (ODAUG) and the Université de Montréal and will be held from 2010 December 13 to 17 at the Azalaï Hôtel Indépendance in Ouagadougou, Burkina Faso.

Scientific Rationale

This Symposium will be the opportunity to examine the possible links between nearby, mature galaxies and the distant objects that our deepest extragalactic surveys now routinely uncover. Major open questions pertaining to the evolution of these objects into the galaxies we see today will be addressed and confronted to theoretical models of galaxy formation and evolution. In recent years, the multi-wavelength mapping of galaxies has enabled a new vision of their structure and composition that may, or may not, be compatible with theoretical precepts.

We are living the golden era of multi-wavelength observations with COSMOS, GOODS, MUSYC, AEGIS and several other surveys probing deep areas of the sky. In the Local Universe, multi-wavelength observations have also reached the survey era with SDSS, SINGG, BIMA/SONG, ALFALFA, NGVS among others. Sophisticated instrumentation is allowing the comparison of spatially resolved measurements of the dynamics and chemical composition of galaxies at high redshifts (e.g. SINFONI on 8m) with high-resolution kinematical and abundance maps of local galaxies (e.g. 3DNTT on 4m), possibly yielding new insights into the mass assembly and the integrated star formation history of galaxies.

There is emerging evidence that the properties of $z > \sim 2$ galaxies are quite drastically different from those of the galaxies in the local universe. Disks appear to be more turbulent and gas-rich, early-types appear to be much smaller for a given mass than their local counterparts and morphologies do not fit in the Hubble sequence of present-day galaxies. Moreover, $z \sim 1$ seems to be the epoch of transition where galaxies start to resemble more the present-day population and where star formation starts to decrease.

One legitimate question to ask is: can we really apply the knowledge gained from low- z studies to the high- z galaxy populations, in view of the strong apparent differences in observed properties? Or do we still have to rely heavily on models/simulations, often based on simplified and likely inadequate recipes for the complex and poorly constrained physical processes involved to interpret high- z observations? With the next generation of facilities coming on line worldwide or in final design stage (e.g. ALMA, JWST, LSST, SKA, ELT, TMT, etc.) that will allow us to probe galaxies at redshifts $z=1$ or beyond with similar precision as in the local Universe, the time is right in 2010 to assess the current status of the field.

This Symposium will bring together theorists and observers in an attempt to reach a common understanding of the puzzles that our research has recently unfolded, largely through the study of galaxy dynamics and their stellar populations at low and high redshifts. With MeerKAT (Karoo Array Telescope) and SALT (South African Large Telescope) coming into operation in South Africa and Astrophysics being developed in Burkina Faso, it seems timely to hold such a meeting in Africa, especially following the IYA and the resolution of the 2009 IAU General Assembly asking to support the development of Astronomy in emerging countries.

SOC

- Claude Carignan, co-chair (UMontréal, Canada & UOuagadougou, Burkina Faso)
- Ken C. Freeman, co-chair (MSO, Australia)
- Leo Blitz (Berkeley, USA)
- David L. Block (Johannesburg, South Africa)
- W. J. G. de Blok (Cape Town, South Africa)
- Martin Bureau (Oxford, UK)
- Françoise Combes (OBSPM, France)
- Stéphane Courteau (Queen's, Canada)
- Kambiz Fathi (Stockholm, Sweden)
- Natascha M. Förster Schreiber (MPI, Germany)
- Rafael Guzman (UFlorida, USA)
- Claudia Mendes de Oliveira (USP, Brazil)
- Julio Navarro (Uvic, Canada)
- Max Pettini (Cambridge, UK)
- Yoshiaki Sofue (Tokyo, Japan)
- Matthias Steinmetz (AIP, Germany)

LOC

- Monique Mujawamariya, chair info@mem-international.org
- Claude Carignan, UdeM & UdeO claudc.carignan@umontreal.ca
- Hamado Tougri, UdeO hamado.tougri@univ-ouaga.bf
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Contact: Claude Carignan claudc.carignan@umontreal.ca

Topics:

- Multi-wavelength surveys of deep fields
- Multi-wavelength surveys of large nearby galaxy samples (UV, optical, IR, CO, HI, ...)
- 3D surveys of low, intermediate and high redshift galaxies
- Interpretation of high redshift kinematical data (mergers, star bursts, ...)
- High redshift progenitors of local galaxies
- Downsizing, high redshift red galaxies, bimodal galaxy populations, scaling relations
- Baryon acquisition and settling of baryons in cold disks
- Integrated and resolved stellar populations
- Star formation and mass assembly history of galaxies
- Models of galaxy evolution and cosmological simulations

Venue:

The conference and the lodging will be at the Azalaï Hôtel Indépendance, downtown Ouagadougou in Burkina Faso. Ouagadougou, the capital of Burkina Faso, is in the center of this country of Western Africa. The University of Ouagadougou has an Astrophysics program since 2007 (started with the help of the Université de Montréal and the Université de Provence) and a small Observatory, for teaching purposes. A project for a research telescope is under way: the Marly telescope (EROS project) has been moved from La Silla, Chile, to mount Djaogari ($13^{\circ} 46' 17''$ N / $0^{\circ} 08' 00''$ W), near Djiouga in Burkina Faso.

The Azalaï Hôtel Indépendance has a lot of experience at holding such events. It is often used for large meetings for the whole sub-region (Western Africa) and it has meeting rooms that can accommodate up to 400 persons (we expect around 200-250 participants). For the meeting, we want to use two rooms, which are side-by-side: one room will be used for the talks and the other to set up the posters and the coffee breaks for the whole week. The exhibition stands will be in a large lobby in front of those two rooms. Wireless Internet will be available in both meeting rooms and in the guest rooms at the hotel. The meeting rooms are equipped with modern projection facilities. More information on the hotel can be found at <http://www.azalahotels.com/independance.php>

December is the best month to be in Ouagadougou. The rain season has ended two months before and the very hot months are two months away. Nights are cool and days are warm. Over the last ten years, in December, the average minimum temperature has been $\sim 18^{\circ}\text{C}$, the maximum $\sim 34^{\circ}\text{C}$ with 0 mm of rain (very dry)! Being close to the equator ($\sim 12^{\circ}$), the sun is less threatening than at higher latitudes. A good hat and sunglasses are still recommended. It is a very good time to travel in Western Africa. Tours will be proposed for before, and after the meeting and small excursions for the Wednesday afternoon and for the accompanying partners and children on the other meeting days.

Preliminary Scientific Program: (To be finalized by the SOC)

December 12 (Sunday)

16:00 – 20:00 Registration

18:00 – 20:00 Welcoming reception: Azalaï Hôtel Indépendance

December 13 (Monday)

8:00-9:00 Registration

8:30-8:40 Opening of the meeting by a Burkina Faso representative

8:40-8:45 Opening remarks: Minister of Higher Education

8:45-8:50 Opening remarks: President of the Université de Ouagadougou

8:50-9:00 Opening remarks by the 2 co-chairs: C. Carignan & K.C. Freeman

9:00-10:30 Scientific Session1: Large Photometric (UV, optical, IR) Surveys (reviews)
(3 x 30 min.s)

10:30-11:00 Coffee break

11:00-12:40 Scientific Session1: Large Photometric (UV, opt., IR) Surveys (contributed)
(5 x 20 min.s)

12:40-14:30 Lunch & posters

14:30-16:00 Scientific Session 2: Large HI & CO Surveys (review)
(2 x 45 min.s)

16:00-16:30 Coffee break

16:30-18:30 Scientific Session 2: Large HI & CO Surveys (contributed)
(6 x 20 min.s)

Dinner

December 14 (Tuesday)

8:30-10:00 Scientific Session 3: Large 3D Kinematical Surveys – low z (reviews)
(2 x 45 min.s)

10:00-10:30 Coffee break

10:30-12:30 Scientific Session 3: 3D Kinematical Surveys – low z (contributed)
(6 x 20 min.s)

12:30-14:30 Lunch & posters

14:30-16:00 Scientific Session 4: Large 3D Kinematical Surveys – high z (reviews)
(2 x 45 min.s)

16:00-16:30 Coffee break

16:30-18:30 Scientific Session 4: 3D Kinematical Surveys – high z (contributed)
(6 x 20 min.s)

Dinner

December 15 (Wednesday)

8:30-10:00 Scientific Session 5: Stellar Populations in the Local Universe and at high redshifts (reviews)
(2 x 45 min.s)

10:00-10:30 Coffee break

10:30-12:30 Scientific Session 5: Stellar Populations in the Local Universe and at high redshifts (contributed)
(6 x 20 min.s)

Afternoon: excursions

December 16 (Thursday)

8:30-10:00 Scientific Session 6: Confronting cosmological simulations and galaxy evolution models with galaxy samples (reviews)
(2 x 45 min.s)

10:00-10:30 Coffee break

10:30-12:30 Scientific Session 6: Confronting cosmological simulations and galaxy evolution models with galaxy samples (contributed)
(6 x 20 min.s)

12:30-14:30 Lunch & posters

14:30-16:00 Scientific Session 7: Mass assembly: baryon acquisition and settling of baryons in cold disk, formation of thick disks (reviews)
(2 x 45 min.s)

16:00-16:30 Coffee break

16:30-18:30 Scientific Session 7: Mass assembly: baryon acquisition and settling of baryons in cold disk, formation of thick disks (contributed)
(6 x 20 min.s)

20:00: Conference dinner (talk: Tracing the Ancestry of Man in Africa)

December 17 (Friday)

9:00-10:30 Education Session 8: Teaching Aids for Astronomy (High School & Undergraduate): Open to local teachers
(3 x 30 min.s)

10:30-11:00 Coffee break

11:00-12:30 Education Session 8: The Virtual Observatory (VO): A wealth of data for Astronomical research in Africa and worldwide
(3 x 30 min.s)

12:30 – 14:30 Lunch

14:30-16:30 Scientific Session 9: Unsolved problems: scaling relations, bimodal galaxy populations, downsizing, high redshift red galaxies, ...) (contributed)
(6 x 20 min.s)

16:30-17:00 Coffee break

17:00-18:00 Scientific Session 9: Panel Discussion - Can we really apply the knowledge gained from low-z studies to the high-z galaxy populations or do we still have to rely heavily on models/simulations?

18:00-18:30 Conference Summary (Ken C. Freeman) & Closing remarks

Meeting Schedule

Registration will start Sunday, December 12th at 16:00 and there will be a welcoming reception starting at 18:00, both at the Azalai Hôtel Indépendance. The scientific sessions will take place from Monday, December 13th through Friday, December 17th. Wednesday afternoon, December 15th will be free for excursions around Ouagadougou. Longer excursions can be booked before and/or after the conference. The number of participants will be limited to ~250.

There will be nine (9) scientific sessions with invited reviews of 25-40 minutes (+5 min.s for discussion) followed by contributed talks of 15 (+5 min.s for discussion). Posters will be displayed for the whole week in the coffee breaks' room. There will be a special Education Session on Friday morning. The first part will discuss Teaching Aids for Astronomy and will be open to local teachers. The second part, on the Virtual Observatory (VO), is addressed mainly to the conference' participants. See the Preliminary Scientific Program for details.

Important dates

2010 February 1 st	First announcement
2010 April 2 nd	Second announcement
2010 June 15	Deadline for early registration
2010 June 15	Deadline for application for an IAU grant. No later applications will be considered
2010 July 15	Deadline for submission of titles and abstracts. No later submissions will be considered
2010 August 1 st	Decisions about IAU grants.
2010 September 1 st	SOC decision about contributed talks & posters
2010 September 15	Deadline for payment of early registration fees
2010 October 1 st	Final program
2010 November 1 st	Deadline for hotel booking
2010 November 1 st	Deadline for tours' pre-booking (late bookings available at the meeting)
2010 November 1 st	Deadline for modifications to the presentation's title or abstract
2010 November 15	Deadline for payment of late registration fees
2010 December 13	Beginning of IAU Symposium No. 277
2010 December 17	End of IAU Symposium No. 277
2010 December 17	Deadline for submission of papers for the Proceedings and Copyright forms. No later submissions will be considered
2011 January 17	Deadline for submission of revised papers for the Proceedings. No later submissions will be considered
2011 June 17	Publication of the Proceedings

Registration

Registration fees:

Early registration fee by 2010 September 15	CAN\$ 400
Late registration fee by 2010 November 15	CAN\$ 500
Early registration fee for accompanying guest by 2010 September 15	CAN\$ 200
Late registration fee for accompanying guest by 2010 November 15	CAN\$ 250

The registration fee covers: welcoming reception (drinks included), coffee breaks, conference dinner (wine included), conference bag, conference poster, conference t-shirt, conference cap, program & abstract book and the Proceedings to be published in 2011 June.

Registration can be done via the webpage of the meeting: www.iaus277.org. The following pages must be completed:

- Meeting registration (by 2010 June 15)
- Title and abstract of the contribution (by 2010 July 15 & November 1st [modif.s])
- Registration fees (by 2010 September 15 [early] or November 15 [late])
- Hotel booking (by 2010 November 1st)

The registration fees can be paid by credit card using the appropriate form on the web page of the meeting @ www.iaus277.org.

Letter of invitation

We will provide a letter of invitation for those participants who request one. If you need such a letter, please send us an e-mail at letter@iaus277.org with the following information:

1. Full name, passport number and country of issue.
2. Full mailing address and a fax number to send the letter.
3. Names and passport numbers of your accompanying persons, if any.

IAU grants

A limited number of IAU grants for individual participants will be available. The IAU wishes to support qualified scientists to whom only limited means of support are available, e.g., colleagues from economically less privileged countries and young scientists. An IAU Grant should be the seed money in ensuring the participation of a selected beneficiary, rather than adding comfort for colleagues whose attendance is already assured. In addition, a reasonable gender and geographical distribution is expected in the IAU Grant distribution proposal. Normally, no more than 1/3 of the IAU Grant funds for a Symposium should be allocated to a single country.

The Grant Application Form can be downloaded from:

<http://www.iau.org/static/meetings/GrantSymposiumRIM.pdf>

Applications should be submitted by e-mail to LOC@iaus277.org before 2010 June 15. After approval by the AGS of the IAU Grant distribution proposal of the SOC, individual IAU Grant notification letters will be mailed by the AGS to the recipients, with a copy to the SOC chair and LOC chair. The LOC chairperson will pay individual IAU Grants to recipients, upon their arrival and registration at the Symposium

The application rules can be found in: <http://www.iau.org/science/meetings/rules/#23>

Remember that these funds are strictly limited and the IAU carefully controls their use. Please indicate if your attendance is conditional on support and the level of support required. All applications must be discussed and approved by the LOC and is dependant on the applicant making an oral or poster presentation at the meeting.

Abstract submission

All participants who wish to present a contribution at the meeting should submit their title and abstract (talk or poster) before 2010 July 15 using the form on the web page of the meeting. The SOC decision about the accepted oral contributions will be sent to the participants on 2010 September 1st. For the oral talks that could not be retained because of insufficient time slots, they could be presented in poster format. There will be ample space for posters' presentation (90cm x 90 cm format) in a room adjacent to the conference room where will be the coffee breaks and they can be on display during the whole conference. In order to send an abstract, you must be registered. The deadline for modifications to the presentation's title or abstract is 2010 November 1st.

Proceedings

Cambridge University Press (CUP) will publish the proceedings volume of the IAUS277. The proceedings Editors will be Claude Carignan (CE), Ken C. Freeman and Françoise Combes. The cost of the Proceedings is included in the registration fee (~55 €) and each participant will automatically receive a copy of the Proceedings. Guidelines for authors of manuscripts for the proceedings can be found at:

http://www.iau.org/static/scientific_meetings/authors_2009/readme_authors2009.pdf

The contract between the IAU and CUP stipulates that the Proceedings of an IAU Symposium will be published within six (6) months after the Symposium. Since CUP needs three (3) months for the processing and publishing of a complete Proceedings' volume, Editors must complete their editing task within the first three (3) months after the Symposium. **This requires that all Authors must give their completed manuscripts to the Chief Editor before or during the Symposium.** Authors may be allowed to submit a **revised version** of their manuscript to the Chief Editor within one (1) month after the end of the Symposium (**2010 January 17**).

All contributors to volumes published in the IAU series must fill out and sign a CONSENT TO PUBLISH & TRANSFER OF COPYRIGHT form that can be found at: <http://www.iau.org/static/publications/Copyright.pdf> and give it to the Editor of the volume before leaving the meeting.

Social Events

There will be a welcoming reception (included in your registration) at the Azalaï Hôtel Indépendance on Sunday December 12, starting at 18:00, which is a good occasion to meet the other participants at the conference as well as the members of the LOC, professors and students from the Université de Ouagadougou.

Wednesday afternoon is free and you are quite welcomed to join the tours around Ouagadougou. See the last section for a description and fares.

The conference dinner (included in your registration) will be on Thursday night at 20:00. During the dinner, a talk will be given on: *Tracing the Ancestry of Man in Africa*. Local musicians and dancers will also entertain you.

Sunday, December 12	Welcoming reception
Wednesday, December 15	Tours around Ouagadougou
Thursday, December 16	Conference dinner

Hotel Information

The conference will be held at the Azalaï Hôtel Indépendance, a four (4) star hotel that is downtown at five (5) minutes from the International Airport and where most of the participants will be staying. The rooms have been recently renovated and are all equipped with air-conditioned, telephone, mini bar, satellite TV with international English and French stations and high speed Internet.

<http://www.azalahotels.com/independance.php>

The hotel has a restaurant (YAN KADI) with a view on the swimming pool and the gardens, a snack (TAMBO), a bar (ZAMA) with local music, ~10 small shops with local products and souvenirs, a barber shop, a massage parlor, possibility for money exchange and a free shuttle to/from the airport. You can have lunch at the hotel for between ~9 500 – 12 500 FCFA. For the meeting the following room rates are available:

Type	Price	Breakfast
Suite	105 000 FCFA + 2 500FCFA (taxes)	Included
Room Bloc A/B	65 000 FCFA + 2 500FCFA (taxes)	Included
Room (pool side)	56 500 FCFA + 2 500FCFA (taxes)	Included
Student room	40 000 FCFA + 2 500FCFA (taxes)	Not included

Exchange rates: 1000FCFA ~ 2 US\$ ~ 1.5 €

Bookings should be made via the Hotel booking form on the meeting webpage www.iaus277.org and not directly with the hotel since we have negotiated a block booking at special rates.



AZALAÏ HÔTEL INDÉPENDANCE
Avenue de la résistance du 17 mai,
Secteur n° 4
01 BP 127 Ouagadougou 01
Burkina Faso
Tél.: (226) 50 30 60 63

Travel Information

Upper Volta gained full independence from the French in 1960 and the name was changed to Burkina Faso in 1984. Its population is estimated at over 14 millions.



Airlines flying to Burkina Faso

Air Burkina	Afriqiyah Airways	Antrak Air
Air France	Air Algérie	Lybian Airlines
Royal Air Maroc	Air Ivoire	Delta Airlines
Ethiopian Airlines	Air Sénégal	KLM

The biggest airlines flying to Burkina Faso are Air Burkina, Air France and Royal Air Maroc.

The easiest way to get to Ouagadougou is via Paris by:

Air France (from Paris Charles-de-Gaulle)

Air Burkina (from Paris Orly)

or via Morocco by:

Royal Air Maroc (from Casablanca)

The flight from Paris is ~5h30 if direct or ~7h00 if there is a stop in Niamey (Niger). From New York via Paris, you can count on ~12h30.

Visa requirement

US, Australian, Canadian, British and other EU citizens require a visa, which should be obtained from the nearest consulate or consular section at a Burkina Faso Embassy. You will need:

- A valid passport with at least six months validity remaining
- 2-application forms, fully completed and signed
- 2-passport type photos
- Proof of sufficient funds
- Onward/return tickets or confirmed itinerary

If you are having problem getting the visa, contact the LOC at LOC@iaus277.org .

Vaccination Information

The only compulsory vaccine is against Yellow Fever. However, the following are also highly recommended: Hepatitis A & B, Diphtheria, Tetanus, Poliomyelitis, and Typhoid. Medication against Malaria should be taken during your stay.

Proposed Tours (Excursions around OUAGA and short trips)

1° Excursions half a day :

A. **MANEGA museum:** departure for **MANEGA** and it's "bendrology" museum, or **tam-tam language**, in the bush. You will find an ethnological real treasure collecting **sacred masks**, fetishes, **gravestones**, musical instruments and reconstruction of social life scenes. The museum's conception, which is original, offers you the possibility to discover, in normal size, **different types of housings** from Burkina. This is an ideal place for you to be initiated to the burkinabè's rituals, especially Mossi.



Price: 16 € / person - Duration: 4h30

B. LAONGO sculptures: Near **OUAGA** (25 km), in the bush, you will discover a place where international artists (Africa, Europe, Asia) have **cut granite rocs** to give life to modern magnificent sculptures. Real masterpieces all together in this strange museum out in the open ...



Price: 10 € / person - Duration: 4h00

C. Sacred BAZOULE crocodiles: 30 km from **OUAGA**, discover a small lake where **a hundred crocodiles** live in peace with the local inhabitants. The crocodiles will not eat the chickens in the houses' backyards and the inhabitants will not catch the fishes in the lake. The animal is sacred since it is said that if a crocodile dies or is killed this means that an ancient in the village will die. Will you dare sitting on them? This is a meeting with tradition and emotions.



Price: 10 € / person - Duration: 4h00

- D. Town trip:** discover **OUAGADOUGOU**, its musical museum, its craftsmen's village, its craftsmen's center where you will have access to the different workshops in order to discover the bronzes and batiks manufacturing secrets... This is where you will find the souvenirs to bring back home.



Price: 7.50 € / person - Duration: 4h00

- E. Koubri Monastery:** first, you will visit the « Etoile de Coton », which is a craftsmen center of artisanal weaving. You will see women working on their looms, the dyers... The visit will finish at the shop of the owner, a Dutch woman who lives in Burkina since many years. Finally, you will visit the Benedictin monastery and its cheese-dairy.

Price: 10 € / person - Duration: 4h00

- F. Kokologho Palace:** the palace or Naa Yiri is the official (and private) house of the area chief, named the King (Naaba Kango) for Mossi people. You could visit this architectural place rare in Burkina, which is built in banco (mud made) and that the annual roughcast is the occasion for a big party for the inhabitants of Kokologho.

Price: 10 € / person - Duration: 3h00

2° Excursions of one day :

- A. TIEBELE in Gourounsi's country:** departure in the morning towards the south for **Tiebele**, in the heart of **Gourounsi's country**, where you will discover a local architecture absolutely magnificent. Real fortified farms where the huts overlap with some external stairs conducting to terraces; all is decorated with paintings made by women. Visit of the Binger's house at **Tiakane**. Lunch at **Pô**.



Price: 45 € / person

B. LAONGO / BAZOULE: you can see the **sacred crocodiles** in the morning, and the **Laongo sculptures** in the afternoon. In between, you can have lunch in your favorite **OUAGA** restaurant. (At your charge)

Price: 17 € / person

C. MANEGA / KAYA : after a visit of the atypical museum of **MANEGA**, you will be going to **KONGOUSSI** for lunch, and than you will go to **KAYA**. Visit of the town, the market where you will see specialists working with leather, the best in Burkina.



Price: 35 € / person

Excursions program during the meeting

Sunday: December, 12

2.00 – 6.00 PM: Town trip

Monday: December, 13

8.30 AM – 6.00 PM: Gourounsi's country

2.00 – 6.00 PM: Manega museum

Tuesday: December, 14

9.00 AM – 6.00 PM: Manega and Kaya

2.00 – 6.00 PM: Sacred Bazoule Crocodiles

Wednesday: December, 15

8.30 AM – 6.00 PM: Bazoule Crocodiles and Laongo sculptures

1.30 – 6.00 PM: Manega museum

2.00 – 6.00 PM: Sacred Bazoule crocodiles

2.00 – 6.00 PM: Laongo sculptures

Thursday: December, 16

8.30 AM – 6.00 PM: Manega and Kaya

2.00 – 6.00 PM: Koubri Monastery

Friday: December, 17

9.00 AM – 6.00 PM: Gourounsi's country

2.00 – 5.00 PM: Kokologho Palace

3° Excursions of two days (pre or post-meeting):

- A. Mossi plateau:** departure for **MANEGA** and its museum of "bendrology". Lunch in a restaurant in **KONGOUSI**, near the Bam's lake. Then you will join **KAYA**, crossing landscapes of hills; **stopover at the lake of Dem** for a stroll in dugout canoe. Arrival at the end of afternoon at Kaziende's hotel.

Visit of the gold mine of Mane: when the rural work permits it, men, women and children search for some meager **nuggets of gold in holes as deep as 50 m!** The African version of "the gold rush"... You should also see the blacksmith at work, craftsmen, tradition's hollers, the **raining masters**, and the protectors of the village community. In the afternoon, visit the market and the leather craftsmen, and then return to **Ouaga** at the end of the afternoon, after a stopover to admire **LAONGO's** sculptures.

Price: 151 € / person [base on 4] [Full board, base double room (without drinks and visas). Vehicle, fuel, guides, translator and driver included]

- B. The Ranch in NAZINGA:** two (2) days to enjoy fully this nature reserve, close to **OUAGA**, with 600 km of trails. Our driver, with the help of one of the reserve guide, will try to make of this safari an unforgettable experience. You will eat and sleep at the ranch and you will be taken out to see the animals at sunrise and sunset. During the day, you will be able to see the elephants playing in the lake just beside the camp. You will come back to **OUAGA** after the last lunch and after a stop in **Gourounsi** to admire the nice painted houses.



Price: 119 € / person [base on 4] [Full board, base double room (without drinks, visas and photos taxes in the Ranch). Vehicle, fuel, guides, translator and driver included]

NOTE: The number of huts is limited (12), so book early.

4° Short tours of 3 days (post-meeting):

A. Unforgettable Sahel 3 days:

It's a monotonous region, even sinister. Covered by grasses, a few dry trees witness the ever-progressive attack of desert. With these conditions, why show an interest in this region? To permit you to meet **various tribes** and ethnic groups: the **TUAREGS**, often people of extreme beauty, draped in luminous indigo gandouras (**The pirates and princes** of the desert have forced them into a sedentary life); the **BELLAHS**, farmers, who have remained loyal to these lords of the desert; the **PEULHS**, nomads of the sun, with their herds in permanent search of pasture; and the **SONGHAIS**, with their beautiful mud made villages...

You will see them in **the markets**; a place to exchange goods, information, and gossips. A true mixture of colors and smells is guaranteed.

DAY 1: departure early morning from Ouagadougou. After lunch, you will join **GOROM GOROM** to visit this nice city and its famous Tuesday's market. At the end of the afternoon you will go to **MARKOYE** to reach **ZIGUIBERY's** encampment, for the diner and the night.

DAY 2: following unmarked trails (the guide knows his way), we will cross through small villages seemingly "at the end of the world". We will arrive in **OURSI**, where **sand dunes** and a pond are covered by thousands of **birds**, which share this magnificent landscape and give witness to the delicate ecological equilibrium. We will come back to **GOROM GOROM** where you will spend the night in the encampment or in bivouac.

DAY 3: after the visit of the village of **BANI** and its **famous 7 mosques**. Lunch in **KAYA** where you visit the craftsmen, then arrival at the end of the afternoon in Ouaga.



Price: 295 € / person [base on 4] [Full board, base double room (without drinks and visa). Vehicle 4x4 with AC, driver-guide, gasoline, translator, taxes and visits included]

B. Discover BOBO DIOULASSO 3 days:

DAY 1: after breakfast, departure for **BOBO DIOULASSO**. A first stop to see the **sacred crocodiles** that live in the pond of **SABOU**. Lunch at **BOROMO**, a place where you will, maybe, **meet elephants**. In **KORO**, you will visit a small **Bobo's village built on the rock**. Diner and night at the Auberge*** hotel.

DAY 2: second town of the Burkina Faso, **BOBO DIOULASSO** is the greenness city. **Tour of the museum** where are represented in real size Senoufo's, Peulh's, Bobo's houses. You will also discover its old district and its mosque built in banco **more than a century ago**. After diner an evening party with traditional music is foreseen for those who are interested. Diner and night at the Auberge*** hotel.

DAY 3: lunch in **BOROMO** (local restaurant). You will arrive in **Ouaga** in the middle of the afternoon. End of accommodations.

Price: 266 € / person [base on 4] [Full board, base double room (without drinks and visa). Vehicle 4x4 with AC, driver-guide, gasoline, translator, taxes and visits included]

C. Nazinga Ranch + Gourounsi's country 3 days:

DAY 1: departure early towards Pô to visit a reserve of 940 km², only 200 km from Ouaga. You will see there many mammals such as antelope, gazelles, monkeys and of course elephants. Dinner and night at the ranch encampment.

DAY 2: full day safari in the ranch. Dinner and night at the ranch encampment.

DAY 3: departure in the morning towards the south for Tiebele, in the heart of Gourounsi's country, where you will discover a local architecture absolutely magnificent. Real fortified farms where the huts overlap with some external stairs conducting to terraces, all is decorated with paintings made by women. Visit of the Binger's house at Tiakane. Lunch at PO. Arrival at the end of the afternoon in Ouaga.

Price: 206 € / person [base on 4] [Full board, base double room (without drinks, visas and photos taxes in the Ranch). Vehicle 4x4 with AC, driver-guide, gasoline, translator, taxes and visits included]

5° Short tours of 4 days (post-meeting):

A. Unforgettable Sahel 4 days:

DAY 1: departure early morning from Ouagadougou. After lunch, you will join **GOROM GOROM** to visit this nice city and **its famous Tuesday's market**. At the end of the afternoon you will go to **MARKOYE** to reach **ZIGUIBERY's** encampment, for the diner and the night.

DAY 2: following unmarked trails (the guide knows his way), we will cross through small villages seemingly “at the end of the world”. We will arrive in **OURSI**, where sand dunes and a pond are covered by thousands of birds, which share this magnificent landscape and give witness to the delicate ecological equilibrium. You will go in the north for dinner and spend the night in a nice Tuareg encampment, in **GANDEFABOU**.

DAY 3: on unmarked trails again, you will join **DEOU**, then **ARIBINDA**, where you could see ancestral pictures in the rocks. After a picnic, you will join **DORI** to spend the night in the Oasis hotel, or similar.

DAY 4: after the visit of the village of **BANI** and its famous 7 mosques. You will have lunch in **KAYA**, visit to the craftsmen, then arrive at the end of the afternoon in Ouaga.



Price: 354 € / person [base on 4] [Full board, base double room (without drinks and visa). Vehicle 4x4 with AC, driver-guide, gasoline, translator, taxes and visits included]

B. Wildlife discovery 4 days:

This easy tour and relatively comfortable is done in 4x4. All nights take place in comfortable encampment, ventilated or air-conditioned. If you search for a change of scene, the great spaces and wild life, this tour is the answer to your expectations by the variety and the abundance of the fauna and the landscapes.

DAY 1: departure of Ouagadougou towards the East, lunch towards **FADA** (or **KOUPELA**), capital of the province of Gourma and the last big city before the frontier of Niger. You will have diner and spend the night at the encampment-hotel of **PORGA**, just after the border of Benin.

DAY 2: departure early morning to join the **PENDJARI** park. We shall make our first outing in the reserve in search of bubales, hyppotragues, cobs, phacocheres, elephants and lions. You will have diner and spend the night at the hotel of Pendjari (swimming

pool and air-conditioned rooms).

DAY 3: after a dive and a good breakfast, we shall go **directly to the Bali' s pound**. Here, you will be wondered by all of kinds of **fantastic ballet of animals**. According to the season, you will join **PORGA**, either by the valley of Pendjari, or we shall make a detour by the Tanougou' s waterfall then **TANGUIETA**. You will spend the night at the hotel of Kompienga (Burkina Faso).

DAY 4: we shall take again the road of **OUAGA**. We shall visit **LAONGO**, where you will admire the **sculptures on blocs of granite**, in the open air. You will arrive at the end of the afternoon in **Ouagadougou**.



Price: 449 € / person [base on 4] [Full board, base double room (without drinks and visa). Vehicle 4x4 with AC, driver-guide, gasoline, translator, taxes and visits included]

C. Dogon's country 4 days:

DAY 1: departure from **OUAGADOUGOU** early in the morning, picnic and arrival in the evening at **SANGHA**, by **forgotten tracks**. Diner and night at the Guina hotel.

DAYS 2 & 3: after the breakfast, you will go for a **walk along the cliff**. The visit of the town is planed after the picnic. Diners and nights at the Guina hotel of **SANGHA**.

DAY 4: back to **Ouagadougou** after lunch.

Price: 330 € / person [base on 4] [Full board, base double room (without drinks and visa). Vehicle 4x4 with AC, driver-guide, gasoline, translator, taxes and visits included]

D. Lobi's country 4 days:

DAY 1: after breakfast, departure for **GAOUA**. A first stop to see **sacred crocodiles** that live in the pond of **SABOU**. Lunch at **BOROMO**, a place where you will, maybe, **meet elephants**. Finally, arrival in Gaoua for diner and night at the Hala hotel.

DAY 2: you will go to the museum of GAOUA: it will give you the opportunity of being initiated to the Lobi's culture (statuettes; usual tools, photos, explanatory notice boards). The aim of that day is the discovery of Lobi's villages where, sometimes, it is possible to assist to traditional ceremonies. Diner and night at the Hala hotel.

DAY 3: visit of LOROPENI (the origins of the fort are unknown, it may have been a place where slaves were collected). Arriving at OBIRE, you will perhaps meet the king of the Gan (small ethnic group insisting on keeping their identity). Visit of Lobi' villages. Diner and night at the Hala hotel.

DAY 4: near DIEBOUGOU, you will visit a small fort cave, dated from the first war and made by germans. Lunch in LEO (in a local restaurant). You will arrive in OUAGA in the middle of the afternoon.

Price: 339 € / person [base on 4] [Full board, base double room (without drinks and visa). Vehicle 4x4 with AC, driver-guide, gasoline, translator, taxes and visits included]

E. Lobi and Senoufo countries 4 days:

DAY 1: after breakfast, departure for **BOBO DIOULASSO**. A first stop to see **sacred crocodiles** that live in the pond of **SABOU**. Lunch at **BOROMO**, a place where you will, maybe, **meet elephants**. Finally, at **KORO**, you will visit a small **Bobo's village built on the rock**. Diner and night at the Auberge*** hotel.

DAY 2: second town of the Burkina Faso, **BOBO DIOULASSO** is a greenness city. **Tour of the museum** where are represented in real size Senoufo's, Peulh's, Bobo's houses. You will also discover its old district and its mosque in banco built **more than a century ago**. After diner an evening party with traditional music is foreseen for those who are interested. Diner and night at the Auberge*** hotel.

DAY 3: departure for **BANFORA**, where you will tour sugar cane plantations. A stop to **admire the domes** of **FABEDOUGOU** (looking as real calcareous cathedrals carved by erosion), followed by a walk around the **waterfalls** of **KERFIGUELA** where bathing is possible. Then you will **sail with a pirogue** on the lake of **TENGRELA** and look for hippopotamus. Diner and night at the Canne à Sucre*** hotel in Banfora.

DAY 4: lunch in BOROMO (local restaurant). You will arrive in Ouaga in the middle of the afternoon. End of accommodations.

Price: 358 € / person [base on 4] [Full board, base double room (without drinks and visa). Vehicle 4x4 with AC, driver-guide, gasoline, translator, taxes and visits included]

For longer tours, contact directly the Tour Operator:

okraids@okraids.bf