

# *The Biennial African School on Fundamental Physics & Applications*

*From ASP2018/Namibia to ASP2020/Morocco*

*Mohamed Chabab*

*On behalf of Abdellatif Miraoui,  
President of Cadi Ayyad University*

*On behalf of:  
The President of Cadi Ayyad University,  
and my colleagues from Mohammed V University,*

- ♦ Many thanks to the International Advisory Committee and International Organising Committee for selecting Morocco as a host country of ASP2020.*
- ♦ I ensure you of the commitment of our government and presidency of UCA towards ASP2020.*

# Arrival to Marrakech

- *Menara International Airport, most flights go through the connexion between Casablanca (biggest airport in Morocco) and Marrakech airport.*
- *To reach Marrakech either by train or bus and it takes less than 3h30 minutes from Casablanca with about 10 Euro.*
- *Good connectivity via train, within Marrakech as well as from neighbouring cities.*
- *To ASP Auditorium @ Faculty of Science*  
*Journey from the airport via taxi or city bus takes about 30 minutes and costs 3 to 10 €.*



## *Some details of the Facilities*

- The Faculty of Science at Marrakech, the venue of ASP2020, is situated in the heart of Marrakesh, only few minutes' walk to the city centre.*
- Auditorium capacity 400; parallel session rooms ~ 50*
- Computing room capacity: 50-60*
- Network availability, including WIFI .*



# Accommodation

- We have contacted Hotel Imperial Plaza, a 4\* superior hotel, for reservation of a block of rooms:
- The room-rates are as follows:
  - € 40/night in double room BB (bedroom with a double bed + breakfast)
  - € 54/night in double room DP (bedroom with 2 beds+ breakfast+dinner)
- There are many hotels in Marrakech, nearby the school place:
  - ♦ Hotel Tichka and Hotel Semiramis offer an extensive variety of facilities and they are renowned for their excellent service, friendly atmosphere and good food.



# *Organisation and Local Organising Committee*

- *University Cadi Ayyad in Marrakech and University Mohammed V in Rabat are leading the organisation of ASP2020*
- *Coordination of Organisation is leaded by:*
  - *Pr. Mohamed Chabab (Cadi Ayyad University)*
  - *Pr. Farida Fassi (Mohammed V University)*
  - *Pr. Yahya Tayalati (Mohammed V University)*
- *Other LOC members from other Moroccan university.*

## Welcome to Marrakech city

- Where there is always something going on, especially in the summer months.
- Djemaa El-Fna, the famous UNESCO recognized city square, where you can discover a world of mysterious bazaars set amidst the ancient city walls of Marrakech's medina.
- Very lively nightlife...



# *Welcome to Marrakech*







## *Cadi Ayyad University: brief overview*

# SOME DATA ON UCA UNIVERSITY



- UCA : Public Institution
- Foundation in : 1978
- Colleges & Schools: 14
- Students :
  - 70 000 students
  - Foreigners
  - nationalities
- Faculty: 1440
- Staffs: 820



# UCA in numbers



**69320** ÉTUDIANTS  
53% HOMMES 47% FEMMES  
**23080** NOUVEAUX

RÉPARTIS SUR  
ÉTABLISSEMENTS **14**  
**47000** PLACES  
PHYSIQUES

**167**  
FILIÈRES DE  
FORMATION



**6** FORMATIONS EN  
DOUBLE-DIPLÔME

CLASSÉE  
PAR T.H.E WORLD UNIVERSITY  
RANKINGS EN 2014



**1ÈRE**  
AU MAROC,  
NORD AFRIQUE  
ET MONDE ARABE

**+500**  
INTERNATIONAUX

LOCALISÉS  
DANS **4** VILLES  
UNIVERSITAIRES  
MARRAKECH, SAFI, ESSAOUIRA, KELAA DES SRAHNA

**29** FORMATIONS  
CONTINUES

**230** CONVENTIONS DE PARTENARIAT  
ACTIVES LES 4 DERNIÈRES ANNÉES

**1447** ENSEIGNANTS  
CHERCHEURS  
& **822** ADMINISTRATIFS

**64** LABORATOIRES  
DE RECHERCHE & **82** ÉQUIPES DE  
RECHERCHE

**+500** MOBILITÉS SORTANTES  
ET ENTRANTES / AN

**01** CENTRE DE TRANSFERT TECHNOLOGIQUE  
CENTRE D'ANALYSE ET DE  
CARACTÉRISATION (CAC)

COLLABORATION AVEC  
**580** ORGANISMES  
DE RECHERCHE

**1350**  
DOCTORANTS

**74** THÈSES EN COTUTELLE  
EN COURS

**4** THÉMATIQUES  
DE RECHERCHE  
SOCIÉTALES

**+150** MANIFESTATIONS SCIENTIFIQUES  
CO-ORGANISÉES ANNUELLEMENT

# About UCA

- *One of the largest public university in Morocco.*
  - *Top 1: National Ranking for the last 3 years.*
  - *Top 300: Higher Education @ Shanghai Ranking.*
- *5 Research Centres including:*
  - *Astronomical optical Observatory (operating since 2007)*
  - *ACISS centre: African Center for innovative sustainable solutions (2018)*
- *2018: City of Research and Innovation:*



## CIM Centre

# RESEARCH, DEVELOPMENT AND TECHNOLOGY TRANSFER



- CIM City will be the right place to strengthen R&D and a bridge between researchers and economic stakeholders interested in innovation and technology transfer.

# *UCA Observatory @ Oukaïmedan*

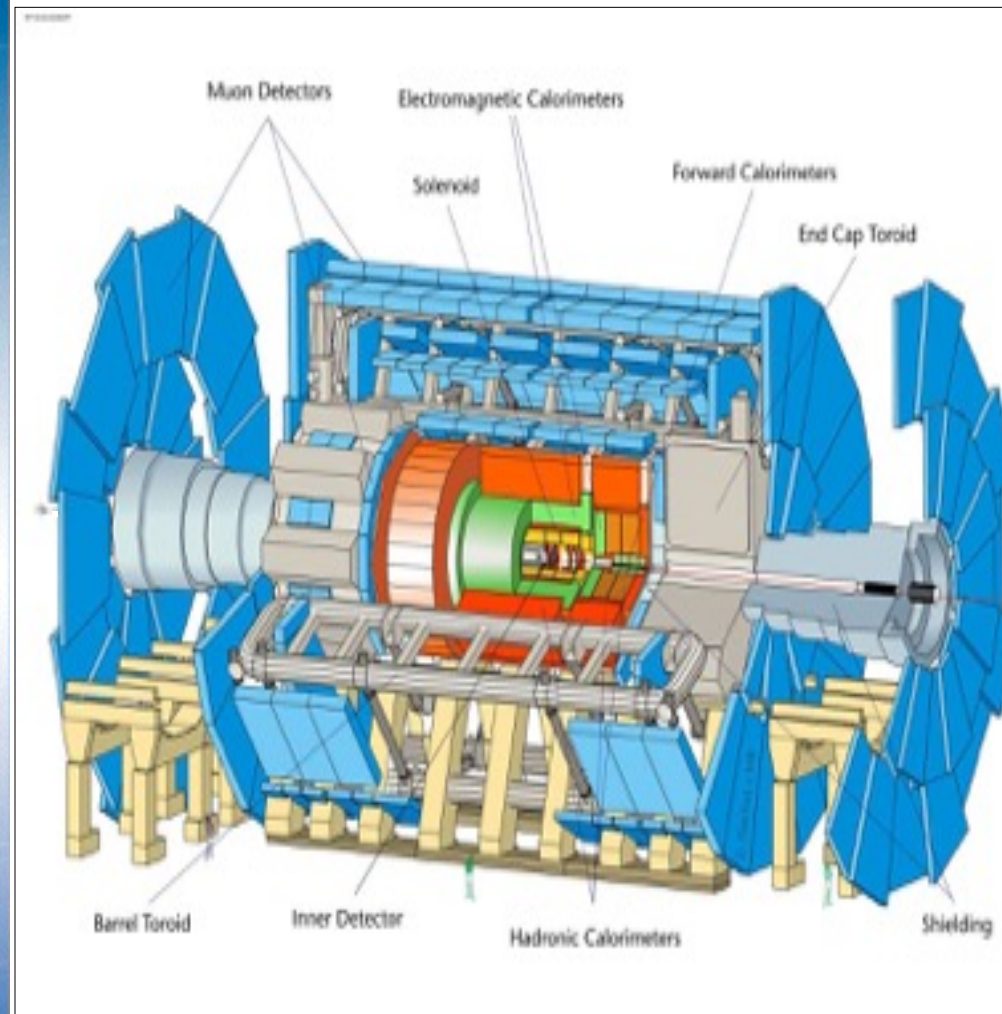
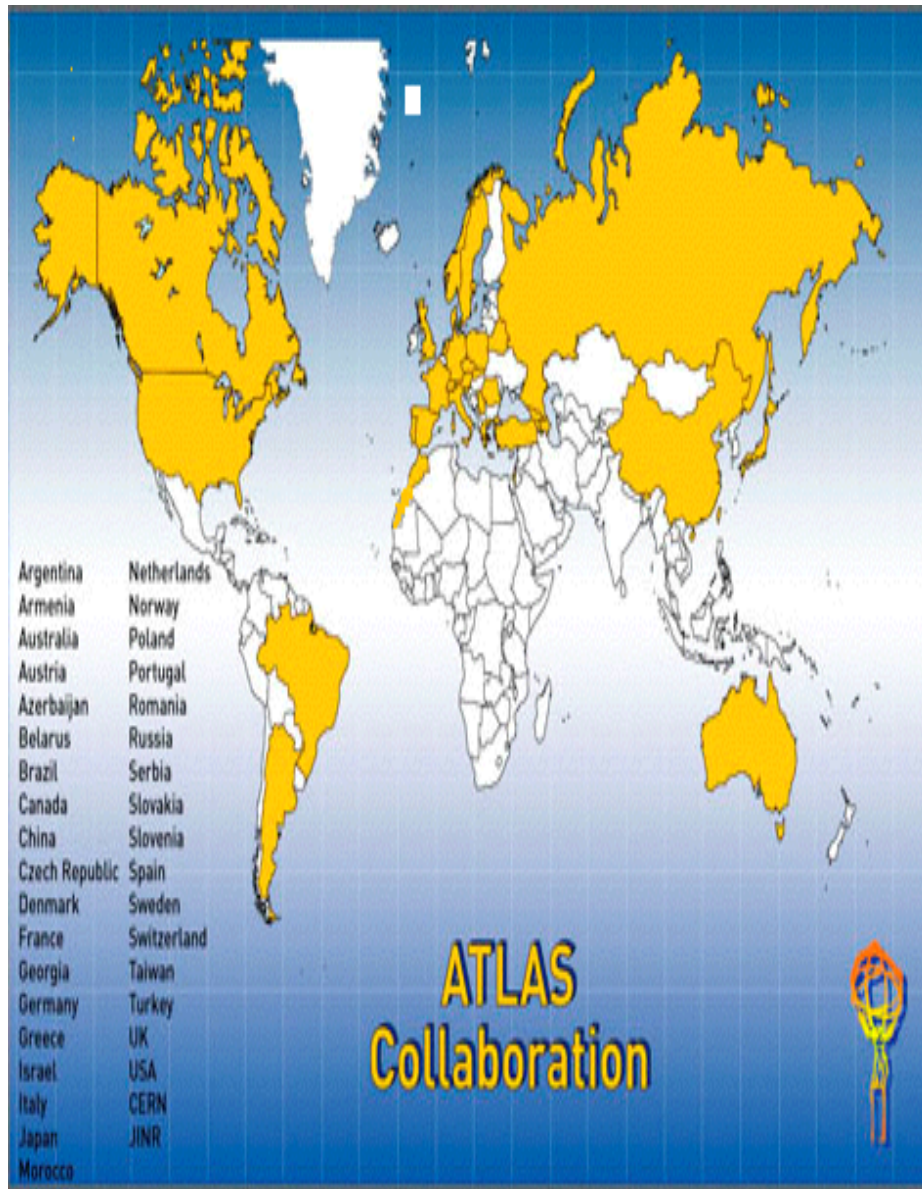


## .. Large spectrum of Collaborations...

- ◆ More than 580 research organisations
- ◆ Joint authorship: 28% papers with Europe.



# The ATLAS Detector



3000 Scientists from 170  
Institutions and 35 countries

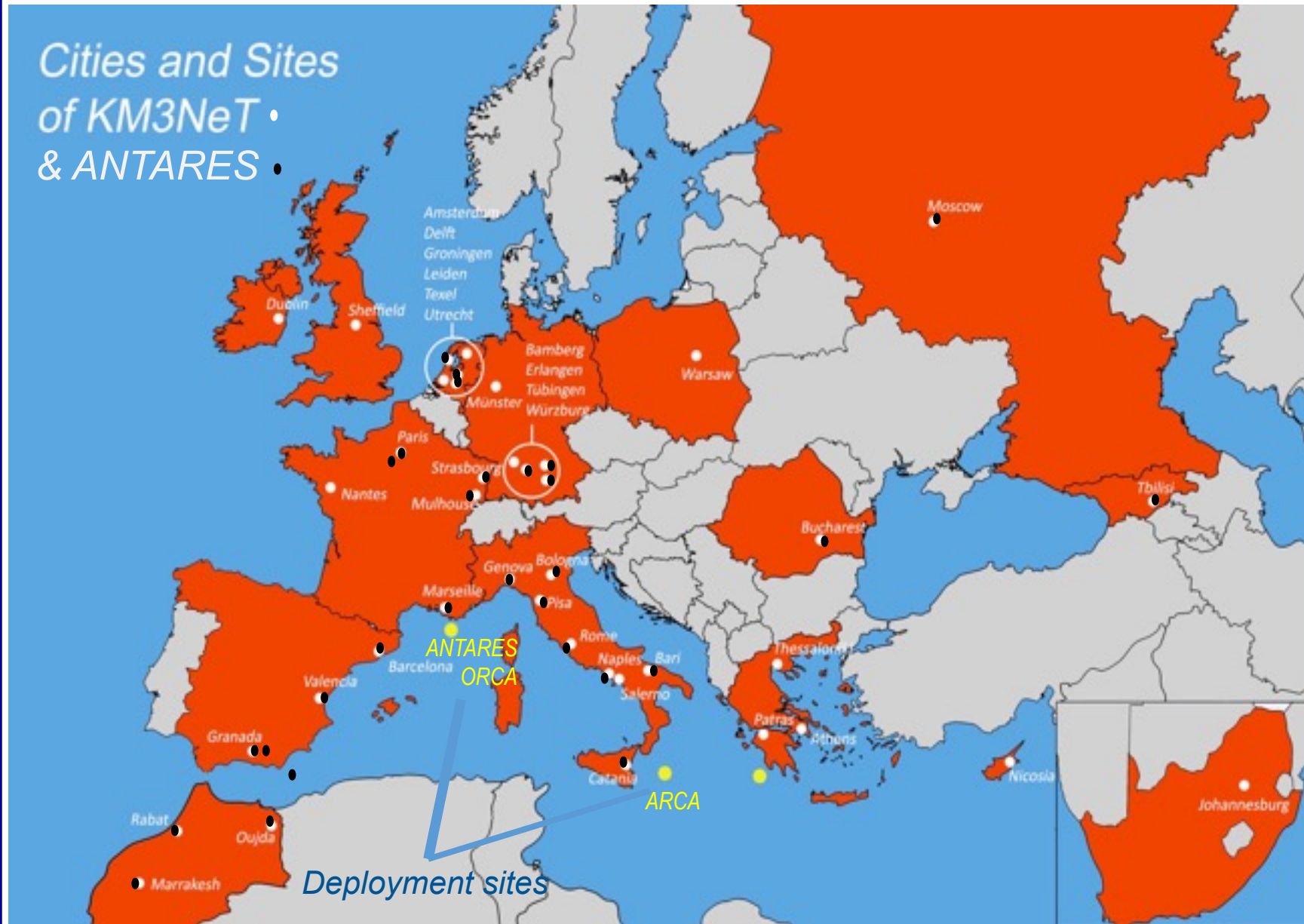




# ANTARES & KM3NeT collaborations



Cities and Sites  
of KM3NeT  
& ANTARES





# Yet collaborations between North and south African countries are weak

PART 2  
International  
collaboration

Figure 2.4. Collaboration between African countries<sup>169</sup>  
Fig a. 1996-2000

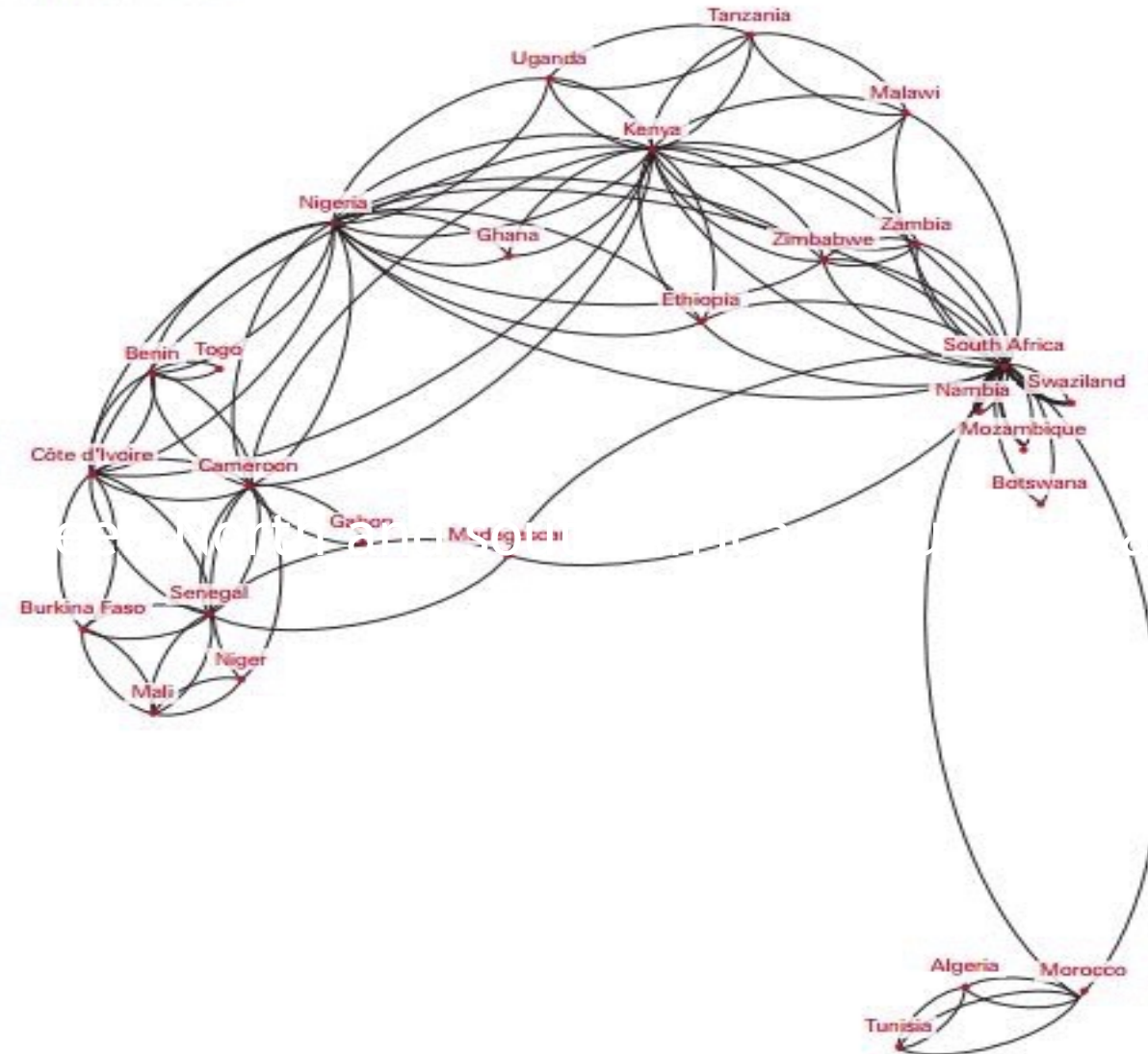
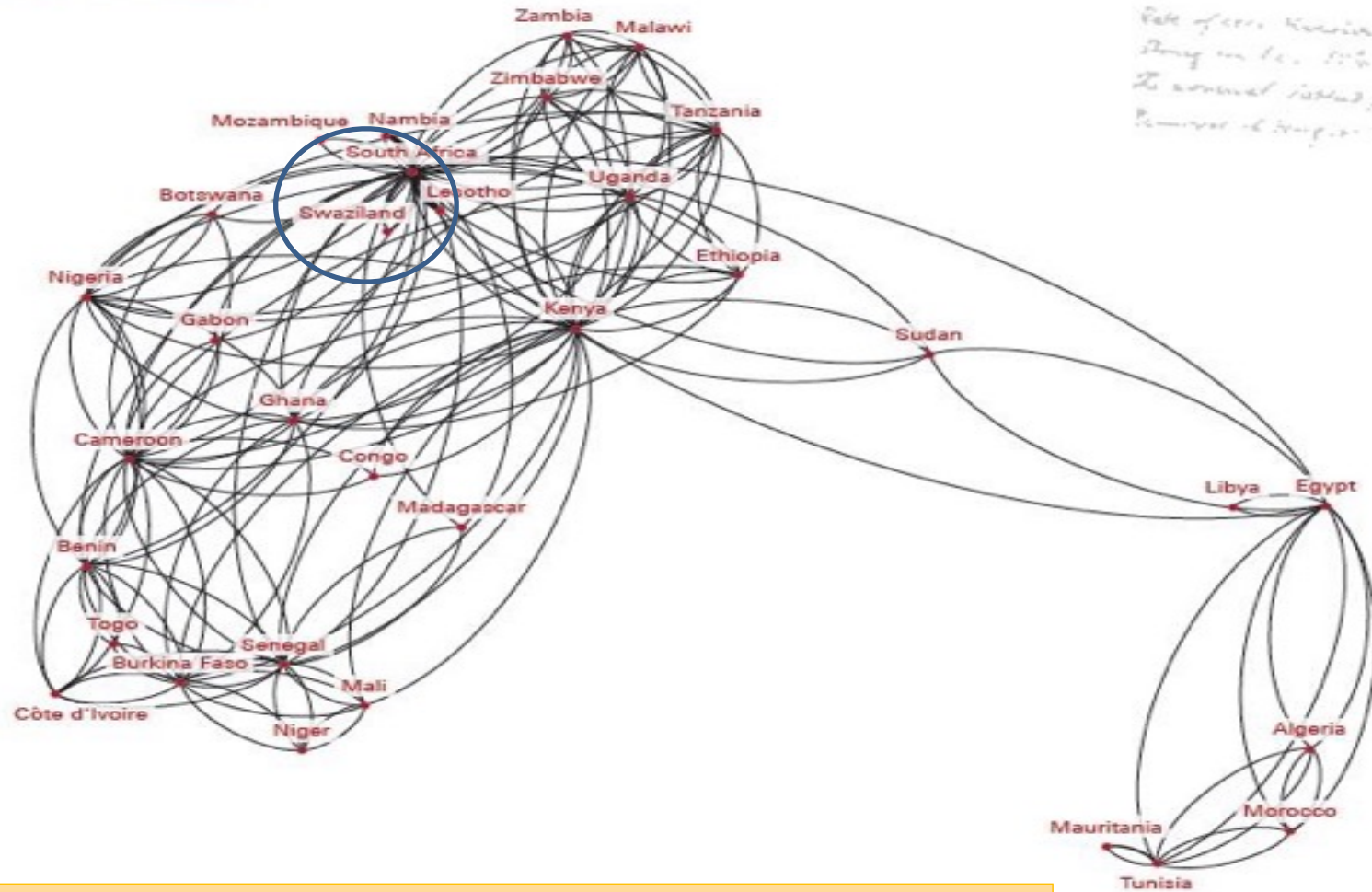


Fig b. 2004-2008



*ASP' framework can help to strengthen collaboration between north and south African researchers*

*Thank you*