

AFRICALICS

**THE AFRICAN NETWORK FOR ECONOMICS OF LEARNING, INNOVATION,
AND COMPETENCE BUILDING SYSTEMS**

4th AfricaLics PhD Academy (2016) MEETING REPORT

**Monday 21st March 2015 to 31st March 2016
Diar Lemdina, Hammamet, Tunisia**



Hosted by:

École Supérieure de Commerce de Tunis
in collaboration with the
University of Manouba, Tunisia

Table of Contents

Executive Summary	3
1. Background	4
1.1 History.....	4
1.2 Location of the Fourth AfricaLics PhD Academy	5
2. Highlights of the Academy	6
2.1 Call for Applications and Review process	6
2.2. Inaugural conference.....	6
2.3. The Training Programme	7
2.4 Workshops.....	7
2.5 Social events	9
2.6 Media coverage.....	9
2.7 Outcomes related to the training	9
3. The Evaluation Survey.....	10
3.1 Background.....	10
3.2. Structure of the survey	10
3.3. Results of the evaluation survey	10
4. The Organising Team	12
4.1 AfricaLics Secretariat Team.....	12
4.2 Ecole Supérieure de Commerce de Tunis and University of Manouba local organizing team.....	12
5. Funding and Budget.....	13
5.1 Acknowledgements	13
Appendix 1: 4 th PhD Academy call for papers	14
Appendix 2: Academy programme	17
Appendix 3: List of PhD students.....	22
Appendix 4: List of facilitators and speakers	23

Executive Summary

The African Network for the Economics of Learning, Innovation, and Competence Building Systems (AfricaLics) held its Fourth Ph.D. Academy in Hammamet, Tunisia from 21st-31st March 2016. The PhD Academy occurs annually with the purpose of supporting the training of African Ph.D. students engaged in research in the field of innovation and development to develop through provision of state of the art lectures and research training workshops. It also aims to give the students exposure to policy makers and practitioners of innovation and development so as to stimulate their awareness in preparation for life after study. The first AfricaLics PhD Academy was held in Nairobi in 2012, the second PhD Academy was held in Algiers in 2013 and, the third PhD Academy was held in Mombasa in 2015. The academy also consisted of an opportunity for researchers, students and policy makers to meet and innovation and development issues in relation to Tunisia, North Africa and Africa more generally. This report highlights the deliberations as well as other non-academic activities that contributed to a successful training.



Participants at the 4th Ph.D. Academy in Hammamet, Tunisia on 21st March 2016

1. Background

1.1 History

The idea of conducting PhD Academies for African students studying in the field of innovation and development was conceived at the All African seminar in Tanzania in March 2012. Further discussions between the AfricaLics Scientific Board members and the Globelics Secretariat led to a decision to take the successful format of the Globelics PhD Academies that had been running for over 10 years and adapt it for the African context. As AfricaLics has developed and the Secretariat has been strengthened, particularly in light of financial support from the Swedish International Development Agency (Sida), the AfricaLics PhD Academies have grown in size and complexity.

The first AfricaLics PhD Academy that took place in Nairobi, Kenya in December 2012 consisted of 30 students and 21 instructors using the English medium. The second AfricaLics PhD Academy took place in Algiers, Algeria in October 2013 with 19 students and 11 instructors using French medium predominately with some English translation services provided and included an open symposium. Following delays due to insecurity in Kenya as well as a lack of initial applications, the third PhD Academy was postponed from 2014 to 2015. The third PhD Academy took place in Mombasa, Kenya in March 2015 and involved 28 students, 26 instructors using English medium and a public open symposium on innovation and development in Kenya with three additional external speakers – two by video conference – to an audience of 120 people.

The fourth PhD Academy took place in Hammamet, Tunisia in March 2016 with 30 students attending. The Academy included 15 facilitators from across Africa and was held using simultaneous translation between English and French. The event also included a number of opportunities for the students to interact with policymakers and other stakeholders through panel sessions and lectures.

The PhD Academy is only one of a number of activities undertaken by the AfricaLics Secretariat and the AfricaLics network as a whole to build research capacity in the region in the area of innovation and development studies. These are part of a larger research capacity building programme funded by Sida which includes provision of research funding support, the development of new curricula and teaching programmes in the subject area as well as networking and dissemination activities for researchers in the region through events and workshops.

The main objective of AfricaLics is to promote the development of research capacity in Africa with strong links to users – including policy makers and private sector – through research training and research project organized support. One long-term aim is to enable Africa to become more self-reliant in studying, monitoring and evaluating its innovation activities and systems for the betterment of society. The work of AfricaLics intends to complement the research and capacity building activities of other players in innovation studies both in the academic and policy arena.

1.2 Location of the Fourth AfricaLics PhD Academy

The Fourth AfricaLics PhD Academy was held at Diar Lemdina, a resort hotel just outside Hammamet in Tunisia. Hammamet is the principal tourist destination in Tunisia and therefore well situated with amenities and security for events such as the PhD Academy.

The Academy was hosted by Ecole Superieure de Commerce de Tunis in collaboration with the University of Manouba, Tunisia. The Ecole Superieure de Commerce de Tunis was founded in 1987 and is a major centre for research and training in the area of economics, marketing and business management. The school provides undergraduate and postgraduate training for over 3000 students from which 165 are PhD students. More than 170 faculties are full time or part time dispended their courses in the ESCT each year. The school is based at the University of Manouba in Tunis. This university is one of the biggest universities in Tunisia with more than 25000 students enrolled in 14 different institutes and 1500 faculty members.

2. Highlights of the Academy

The fourth AfricaLics PhD Academy was held over a two week period in March 2016 at Diar Lemdina outside Hammamet, Tunisia. The programme of activities included sessions focused on innovation and development theory, research methods, policy and impact as well as project element. Students were selected through an open call for applications and review of applications by members of the AfricaLics Scientific Board and Secretariat. All of the events were held at the hotel complex. The highlights of these events are outlined below.

2.1 Call for Applications and Review process

A call for applications to the AfricaLics PhD Academy was advertised from 30th September 2015 to the closing date of 16th November 2015. We then further extended the deadline – to encourage a few additional applications – to 7th December 2015 (see Appendix 1 for copy of the call for papers). 57 applications were received and reviewed by a scientific review committee made up of members of the local organizing committee in Tunisia, the AfricaLics Secretariat and Scientific Board. Each extended abstract was reviewed by two members of the committee and selected based on the scores received using the following criteria: relevance in terms of topic and content as well as quality, regional distribution and gender consideration.

A total of 34 students were selected following a review of all extended abstracts received. Only one student out of the 34 was unable to attend making a total of 33 students who participated at the event in Tunisia in March 2016.

The final 33 students were from 13 countries: Algeria, Bukina Faso, Camaroon, Cote D'Ivoire, Eritrea, Ethiopia, Ghana, Kenya, Libya, Morocco, Nigeria, Tanzania and Tunisia. The majority of the students were in their second and third years of PhD study at the time of the Academy. Appendix 3 provides a list of the students who participated.

2.2 Inaugural conference

The first day of the conference consisted of a series of lecturers specifically focusing on key issues facing Tunisia, Africa and the research field more generally. This event had 73 participants attend across the day's events.

The day consisted of a series of opening speeches including welcoming remarks from various members of the host organisations and representatives of AfricaLics:

- La Vice Présidente de l'Université de La Manouba, Mme. Jouhaina Gherib
- Le Vice Président de Globelics, Mr Abdelkader Djeflat
- La Présidente d' AfricaLics, Mme Bitrina Diyamett
- Le Directeur de l'ESC Tunis, Mr Maher Gassab
- Le Coordonnateur de la 4 ème PhD Academy AfricaLics Tunisie 2016, Mr Hatem Mhenni

Following these opening speeches, a series of [presentations](#) were given that outlined the latest 'state of the art' on the state of science, technology and innovation in Tunisia and Africa more generally, especially as follows:

- The history of innovation thinking by Prof. B.A. Lundvall, Emeritus Professor, Aalborg University, Denmark.
- The role of emerging innovation systems in Africa by Prof. A Djeflat, University of Lille, France.
- Industrial policies and their role in Tunisia's innovation system by Prof. H. M'henni, ESCT, Manouba University, Tunisia.
- The relationship between evaluation and innovation by Dr. M. H. Andersen, Aalborg University, Denmark.
- The importance of a pan-African innovation eco-system by Prof. J. Ezzine, ENIT, El Manar University and TAASTI, Tunisia

2.3 The Training Programme

Eight days were dedicated to a training programme for PhD students structured around four different sets of activities:

Student papers stream	11 student presentation sessions were held whereby: <ul style="list-style-type: none"> - 2/3 students present papers on an aspect of their PhD research for 20 minutes each - Comments from 2/ 3 reviewers for 10 minutes each - Comments and questions from the floor
Methods stream	A series of lectures introducing students to, or upgrading students skills, in certain research methods
Theory stream	A series of lectures introducing students to key theories and concepts from innovation studies and innovation management
Impact stream	A series of lectures on the challenges in the management of innovation and development and innovation policy. Two roundtable workshops were also held that provided students an opportunity to interact with policy makers and innovation practitioners

The detail of these sessions is outlined in Appendix 2. Instructors or facilitators were matched with each session and details of these individuals are provided in Appendix 4.

2.4 Workshops

Two workshops were held in the second week to give students further opportunities to interrogate issues impacting innovators in Africa and to interact with policy makers and innovation practitioners.

Workshop 1: Round table to discuss and contribute to Tunisia experience in start-ups.

This workshop was facilitated by Maher Khanfir and Oualid Triki from Wiki startup and Ilyes Gouja from Vitalight Lab.

The participants were informed that Wiki Start Up is an initiative of private business incubators in Tunisia. It is primarily a growing network of highly-experienced professionals with the objective of promoting the development of innovative projects with high added value. It targets entrepreneurs and investors seeking support about starting enterprises. The initiative usually provides resources including expertise and information as basic assistance towards achieving their goals. The presenters described the process of coming up with a startup as simple. The approach adopted entails

Identification of promising and innovative projects with high growth potential - consequently with high risk- and to offer technical assistance, one-on-one coaching and other resources to help the entrepreneur overcome the launch risks and hurdles. This way the companies are able to transition from “proof of concept” phase to the “implementation phase”. The companies are able to access the available seed funds to help in the initial phase that constitute the feasibility study among other aspects.

A presentation was also made with regards to Vitalight, a biotechnology company involved in mass production of micro-algae micro-organism for use in development of human and animal nutritional products. It has markets in Tunisia and globally.

It received support from Wiki Start up during the startup stage. According to Mr. Gouja, the company is a low investment enterprise that promotes efficiency and high production of micro-algae for cosmetic, nutritional & pharmaceutical use. Some of the current nutritional products under production are helping in fighting poor and unhealthy nutrition that contributes to many lifestyle problems like diabetes, high blood pressure and cholesterol.

Vitalight products are environmentally friendly because the raw materials are natural products when compared to other companies that substitute these products with synthetic components. The production of micro-algae is mainly done in ponds.

The questions emanating from the audience related to challenges associated with this kind of a business that is perceived to be of high risk with many competitors. Mr. Gouja noted that some of the challenges are linked to handling and efficiency and the company tries to deal with them thereby increasing quality and productivity with minimal costs. He pointed out that the vision of Vitalight is to increase production thereby reaching out to more beneficiaries.

Workshop 2: Challenges in managing innovation and development agenda: challenges in managing innovation hubs in Africa.

The facilitators of this session were Abdelaziz Lassoued of CIFOD'COM and Soukayna Rahmani from Pèpinière, both based at Elgazala Technopark. These two represented the Tunisia industrial sector. Ann Kingiri gave a general overview of the challenges associated with managing innovation hubs and how the innovation systems thinking can be used to inform such process from a theoretical stance. The discussant was Hatem M'henni of ESC Tunis.

This session generated a heated debate around the factors that stimulate or work against management of innovation hubs. It was noted that, different countries have different needs and that characteristics and behavior of hubs is dependent on sector. It was concluded that research around innovation hubs should take into cognizance the contextual needs that characterize African countries especially the poor countries.

The participants were also informed about the “Intra-Africa Academic Mobility Scheme” that supports higher education cooperation between countries in Africa. This is an initiative of the African Union Commission (AUC) and the European Commission. It aims to promote sustainable development and ultimately contribute to poverty reduction by increasing the availability of trained and qualified high-level professional manpower in Africa. The programme's objective is to improve the skills and competences of students and staff through enhanced mobility between African countries. Strengthening cooperation between Higher Education Institutions (HEIs) in Africa will increase access to quality education and will encourage and enable African students to undertake postgraduate studies in the African continent.

2.5 Social events

Four major social events took place:

- an Academy Dinner held at a nearby restaurant following the Inaugural Conference;
- an excursion to the village of Sidi Bousaid and the ancient sites of Carthage;
- a full day excursion to the city of Kairouan, a World Heritage Site
- a visit to the old Ribat of Hammamet.

2.6 Media coverage

The local organisers developed a press release relating to the fourth AfricaLics PhD Academy. Details of which are available here:

<http://www.esct.rnu.tn/site/index.php/actualites/evenements-conferences/630-africalics2016>

2.7 Outcomes related to the training

The Academy was well received by students and members of the local host organisations. The Academy has resulted in:

- An opportunity for academic scholars and practitioners to come together and consider issues of innovation and development. The students particularly welcomed the inclusion of private sector representatives and policy makers but this also gave these ‘end users’ of academic research an opportunity to argue why they find academic research important for the work that they do.

This was in addition to the expected academic and research capacity building outputs:

- Training of PhD students in new research methods or upgrading existing skills as well as the latest state of the art within the field.
- Providing students an opportunity to think about how to write policy briefs and academic research proposals – something the majority had never done before.

- An opportunity to meet fellow students from across Africa and other parts of the world and develop what, we hope, will be long term ties. The students immediately started their own 'WhatsApp' group and became member of the AfricaLics Facebook page. The AfricaLics website will host an online chat forum function to enable a wider group of PhD students to meet and share ideas.

An additional outcome of this Academy has been:

- Discussions between the AfricaLics Secretariat and the Tunisian Association for the Advancement of Science, Technology and Innovation with regards enhancing curricula for innovation and development in Africa.

3. The Evaluation Survey

3.1 Background

On the last day of the fourth AfricaLics PhD Academy an anonymous survey was carried out among students aimed at collecting feedback and ideas for future events. Overall response rate was 100% percent.

3.2. Structure of the survey

The survey was structured in three parts. The survey consisted of the following sections:

- Overall evaluation of the course and program.
- Coverage of particular thematic and methodic aspects.
- Open comments.
- Usefulness of particular program aspects.
- Assessment of potential change of time and attention distribution between different program parts.
- Assessment of support related with other program modifications.
- General individual information concerning study conditions, progress and professional aspirations.

3.3. Results of the evaluation survey

As shown in the results below, overall, participants were satisfied with the course and overall programme structure. The overall contents of the lectures received positive evaluation by the PhD students. The majority of students agreed that overall innovation theories and research methodology received enough attention.

Overall evaluation	Score/5
a) How would you rate -Overall assessment of the PhD Academy?	4.63
b) How would you rate-The overall structure of the PhD Academy programme?	4.29

How do you rate:	Score/5
Usefulness of all or particular aspects of the PhD lectures?	4.13
Usefulness of all or particular aspects of the workshops	3.83
General assessment on approaches to research and partnership building of the PhD Academy?	4.55
Approaches used to enhance interaction among PhD scholars?	4.64
Accommodation, food and conference facilities?	4.89
The social activities?	4.64
General organization of the PhD Academy?	4.86

Any other comments that may improve the organisation of future PhD Academies?

- Reduce the program a bit to allow doctoral students to digest all the information received
- Solicit econometricians / modeling specialists to improve analysis and methodologies
- Allowing more time for students (presentations and discussions).
- 10 days seems a rather long period. 8 or 7 days are sufficient.
- Maybe it would be more effective if the comments of discussants were written and given to each student at the end of his/her presentation.
- Choose the content of courses on research methodology based on the doctoral work proposed by students
- Adapt courses to doctoral thesis projects (case studies are not very interesting)

4. The Organising Team

4.1 AfricaLics Secretariat Team

1. Dr. Ann Kingiri - African Centre for Technology Studies (ACTS), Kenya	2. Dr. Rebecca Hanlin African Centre for Technology Studies (ACTS), Kenya
3. Dr. Margrethe Holm Andersen Aalborg University, Denmark	4. Dr. Aschalew Tigabu, African Centre for Technology Studies (ACTS), Kenya
5. Mourine Cheryot, African Centre for Technology Studies (ACTS), Kenya	6. Moses Owidhi, African Centre for Technology Studies (ACTS), Kenya

4.2 Ecole Superieure de Commerce de Tunis and University of Manouba local organizing team

1. Prof. Hatem M'HENNI, Professor of Economics, ESCT	2. Amel MEDINI, in charge of the third cycle studies at ESCT.
3. Slim SOUIHI, in charge of the information system at ESCT.	4. Souad BOUZIDI, director secretary at ESCT.

5. Funding and Budget

The academy benefited from two main sources of funding: AfricaLics Secretariat at ACTS through the Sida grant and the host institutions, Ecole Supérieure de Commerce de Tunis and University of Manouba.

The final monetary account for the event utilizing AfricaLics funding from Sida is outlined below.

ITEM	TOTAL COST US\$
Travel – students and facilitators (reimbursed tickets)	24,683.06
Accommodation – students and facilitators (Diar Lemdina Hotel, full board)	30,093.78
Miscellaneous including translation	3,540.00
TOTAL	58,316.84

In addition to this, the local organisers provided the contributions as follows:

1. Transport for students and facilitators to and from the venue and airport
2. Support staff for the conference facilities (to assist with video conferencing and other audio-visual equipment)
3. All costs of the social events including the academy dinner

The total estimated cost spent by the local organisers (ESCT and University of Manouba) on this event was US\$ 16,650.

In addition, the local organisers raised outside funds (from Wiki Start Up) for one of the student excursions to the value of US\$ 1,500.

5.1 Acknowledgements

The success of the Third PhD Academy would not have been possible without the support and dedication of a number of individuals and organisations, namely:

1. Prof. Abdelkader Djeflat for different roles in the Academy including initial introduction of AfricaLics fraternity to the dedicated team in Tunis.
2. Ahlem Selmi and her colleagues for their translation services
3. Rachad Kird and the whole team at Diar Lemdina hotel for the accommodation and academy venue
4. ACTS Corporate Services team
5. Wiki Start Up for their sponsorship of a student excursion

Appendix 1: 4th PhD Academy call for papers

Theme - Innovation Systems and Innovation Management in Africa

We are delighted to announce that the fourth AfricaLics PhD Academy on Innovation and Competence Building Systems will be held at École Supérieure de Commerce de Tunis (ESCT), 21th March, 2016 to 2nd April, 2016. AfricaLics is part of the worldwide research network, The Global Network for the Economics of Learning, Innovation, and Competence Building Systems ([Globelics](#)). The purpose of the AfricaLics PhD Academy is to support the training of African Doctoral students engaged in research on innovation and technology systems for development and innovation management in Africa. The Academy also aims to stimulate awareness of policy and management issues related to this field of research.

The Academy will host around 20 students from Africa and a handful of students from the rest of the world. The Academy will invite frontier researchers in innovation and development and innovation management from around the world to provide lectures and mentor students. The topics of the lectures will cover specific issues within innovation studies and economic development and innovation management as well as research methods and innovation policy.

The AfricaLics PhD Academy sessions will include the following activities:

- Lectures by senior researchers on areas ranging from research methodologies to the latest theories and empirical research in the fields of innovation, innovation management and development studies.
- Presentations by Doctoral students of their work with feedback from the senior scholars facilitating at the event.

Host: ESCT which is the École Supérieure de Commerce de Tunis with the collaboration of the University of Manouba

Participants and qualification requirements

The number of candidates will be a maximum of 30. To qualify for participation, the applicants should fulfill the following requirements:

- be at least in the beginning of his/her second year; (a limited number of students in their first year can be accepted)
- work explicitly on issues related to policy oriented analysis of science, technology and innovation systems and technology management; be able to present an original paper reflecting his/her research and/or thesis work

Senior scholars invited to facilitate are: Bengt-Åke Lundvall, (Denmark), Edward Lorenz (USA), David Kaplan (South Africa), Franco Malerba (Italy), Keun Lee (South Korea) and others including well known scholars from the region.

Submission

Participants must submit an extended abstract of no more than 5 pages. Abstracts should be typed double-spaced in French or in English. The abstract should state the objectives, methodology, expected results and conclusions of the work, including supporting figures and main references. The abstract, CV and a recommendation letter from the supervisor or a senior scholar should be sent to the Local Secretariat whose contacts are given below on or before 07 December 2015.

Selection

All extended abstracts will be reviewed by at least two senior scholars from a review panel made up of members of the AfricaLics Scientific Board (ASB) and ESCT. Selection will be made based on academic quality of papers as well as to promote diversity (by location, gender etc.) Successful applicants will be notified by 23rd December 2015 of their acceptance to the Academy. Students selected should provide a full paper by 10th January 2016.

Sponsorship

Accommodation expenses including meals will be covered for all selected participants for the two weeks of the Academy. We encourage applicants to apply to their host institution or projects for travel support.

Travel expenses for participants unable to secure funding from their institutions will be considered. For students unable to gain funding from their institution, it is possible to apply to the AfricaLics Secretariat for travel support. The closing date for travel support applications is also 30th December 2015.

Please email secretariat@africalics.org for the application form and terms and conditions of the travel support available. Note that there are limited funds available and not all applications for travel support will be successful.

Support

The fourth AfricaLics Academy is supported by

- École Supérieure de Commerce de Tunis
- University of Manouba
- Tunisian Economists' Association
- Sida
- Aalborg University, Denmark
- African Centre for Technology Studies

The fourth AfricaLics PhD Academy is jointly organized by the École Supérieure de Commerce de Tunis (ESCT), the University of Manouba with support from AfricaLics Secretariat at the AfricaLics Centre for Technology Studies (ACTS), Kenya and the Laboratoire de Recherche Interdisciplinaire sur les Mutations des Économies et des Entreprises (LARIME) (University of Tunis).

Contacts

Local Coordinator and chairman organizing Committee: Prof. Hatem

M'HENNI: Hatem.Mhenni@essect.rnu.tn

International coordination: Prof. Abdelkader Djeflat: abdelkader.djeflat@univ-lille1.fr

AfricaLics Secretariat and travel support contact: secretariat@africalics.org

Appendix 2: Academy programme

Theme: Innovation Systems and Innovation Management in Africa

Diar Lemdina Hammamet, Tunisia. 21st - 31st March, 2016

Sunday 20th March: Arrival of guests

Monday 21st March: Inaugural Conference, Amphitheater Odysse

- 08h30-09h00** Registration
- 09h00-10h30** Welcome session/Official opening
- 10h30-10h45** Coffee break
- 10h45-11h45** Inaugural lecture by B. A. Lundvall (Emeritus professor, Aalborg University, Copenhagen) [Given by Dr. Andersen in his absence]
- 11h45-12h30** Second inaugural lecture on Emerging Innovation systems in Africa by A. Djeflat (University of Lille (USTL))
- 12h30-14h15** Lunch break
- 14h15-15h15** Politiques industrielles dans un contexte de SNI en construction: le cas de la Tunisie.” By H. M’henni (ESCT, Manouba University)
- 15h15-16h15** Évaluation et Innovation, by Margrethe H. Andersen (Aalborg University, Copenhagen)
- 16h15-16h30** Coffee break
- 16h30-17h45** Energising National, Regional and Continental Innovation through a Pan-African Innovation Eco-System (PAIES). By Jejel Ezzine (ENIT, El Manar University and President of TAASTI)
- 20h30-22h30** Dinner of the Academy

Tuesday 22nd March, Conference Room L’OLIVIER

- 08h00-09h15** **Special session** Presentation of students and the full programme of the Academy.
All students and a facilitator (H. M’henni)
- 09h15-10h15** **Lecture 1:** Basic and General theme: An introduction to innovation studies and innovation policy. **Facilitator:** B.A. Lundvall [Given by Dr. Andersen in his absence]
- 10h15-10h30** Coffee break

- 10h30-11h30** **Lecture 2:** Basic and General theme: The history of innovation systems thinking **Facilitator:** B. A. Lundvall [Given by Dr. Hanlin in his absence]
- 11h30-12h30** **Lecture 3:** Basic and General theme: The management of innovation and development: key issues and empirical findings. **Facilitator:** A. Djeflat
- 12h30-14h00** Lunch break
- 14h00-16h00** **Students presentations 1-2-3-4:** Adepoju A. Oluwaseun; Musambya Mutambala; Adeyeye Adedamola D.; Caleb Adelowo M. **Facilitator:** A.Vera Cruz and R. Hanlin
- 16h00-16h15** Coffee break
- 16h15-18h15** **Students presentations 5- 6- 7** Hanene Teka; Wadii Sleimi; Gezahegn Tesfaye Dadi .**Facilitator:** B. Diyamett and Margrethe H. Andersen

Wednesday 23rd March

- 08h00-10h00** **Lecture 4:** Research methodology (I) Research questions and research design, discussion related to the organization of the thesis work. **Facilitator:** A. Vera Cruz
- 10h00-10h15** Coffee break
- 10h15-12h30** **Lecture 6:** Research methodology (II) How to use case studies for research in innovation. **Facilitator:** R. Hanlin
- 12h30-14h00** Lunch break
- 14h00-16h00** **Students presentations 8-9-10:** Saifallah Benjread; Genesquin Guibert Legala Keudem; Attig Bahar Faten. **Facilitator:** A.Djeflat and H. M'henni
- 16h00-16h15** Coffee break
- 16h15-18h15** **Students presentations 11-12-13:** Wamalwa Herbert; Martin Kang'ethe Abiodun Oyebola. **Faciliator:** B. Diyamett and A. Vera Cruz

Thursday 24th March

- 08h15-10h15** **Students presentations 14-15-16:** Mirabel Godswill Ukpabio; Binyam Afewerk Demena; Monica Addison. **Facilitator:** R. Hanlin and H. Abdennebi
- 10h15-10h30** Coffee break
- 10h30-12h30** **Students' presentations 17-18-19:** Hadia Baassiry; El Menzani Younes; Mebbani Youcef. **Facilitator:** N. Omrani and H. Abdennebi
- 12h30-14h00** Lunch break
- 14h00-16h00** **Lecture 10:** Challenges in innovation and Development agenda:

Technology use, innovative work practices and employees' performance.

Facilitator: N. Omrani.

16h00-16h15 Coffee break

16h15-18h15 **Lecture 11:** Research methodology: Using econometrics (time series analysis). **Facilitator:** S. Ghazouani A.

Friday 25th March

08h15-10h15 **Students' presentations 20-21-22:** Ahmadouche Nadia; Laurence Nkakene Molou; Traore Nohoua. **Facilitator:** H. M'henni and Adel Ben Youssef

10h15-10h30 Coffee break

10h30-12h30 **Students' presentations 23-24-25:** Omar Ouhejjou; Asma Regregui; Raja Dekhil; Latifah Tchoutou. **Facilitator:** A. Djeflat and S. Haddad

12h30-14h00 Lunch break

14h00-16h00 **Lecture 12:** Research methodology (III): Using econometrics (panel data) **Facilitator:** S. Ghazouani

16h00-16h15 Coffee break

16h15-18h00 **Lecture 13:** Challenges in innovation and Development agenda: STI indicators with special focus on R&D statistics. **Facilitator:** H. M'henni

Saturday 26th March

08h00-10h15 **Lecture 14:** Challenges in innovation and Development agenda: STI indicators with special focus on Innovation statistics. **Facilitator:** H. M'henni

10h15-10h30 Coffee break

10h30-12h30 **Lecture 15:** Challenges in the Management of Innovation and Development: The impact of ICT on student performance in higher education: Direct effects, indirect effects and organisational change. **Facilitator:** A. Ben Youssef

12h30-14h00 Lunch

14h00-19h00 Excursion to the village of Sidi Bousaid and ancient sites of Carthage

Sunday 27th March - EXCURSION TO THE CITY OF KAIROUAN

Monday 28th March

08h15-10h15 **Lecture 16:** Challenges in innovation and Development agenda: The Epistemic Virtue of the Innovation Approach to re-think and Re-Design African Development. **Facilitator:** M. Muchie

10h15-10h30 Coffee break

10h30-12h30 **Lecture 17:** Theory oriented session - Financing innovation: constraints and opportunities of developing a financial system in Africa. **Facilitator:** E. Lorenz

12h30-14h00 Lunch break

14h00-16h00 **Lecture 18:** Theory oriented session - Technological catchup: barriers and opportunities. **Facilitator:** Keun Lee

16h00-16h15 Coffee break

16h15-18h00 **Lecture 19:** Research methodology (V) - Qualitative research in STI studies: methods, instruments and issues in an African setting. **Facilitator:** A. Kingiri

Tuesday 29th March

8h15-10h15 **Lecture 20:** Challenges in the management of innovation and Development agenda: Creativity, innovation and entrepreneurship for venture creation in Africa. **Facilitator:** M. Muchie

10h15-10h30 Coffee break

10h30-12h30 **Lecture 21:** Theory oriented session: Determinants of industry-academy linkage **Facilitator:** Keun Lee

12h30-14h15 Lunch break

14h15-17h30 **Workshop 1:** Roundtable organized by Wiki startup: Tunisian experience in the matter of start-up: Determinants of survival and growth. **Facilitator:** A. Kingiri, K.Lee, M. Muchie, E. Lorenz, H. M'henni

Wednesday 30th March

08h15-10h15 **Students' presentations 26-27-28:** Intissar Gara Sakis; Salma Ezzedine; Kouadio Kouassi Boniface. **Facilitator:** E. Lorenz and K. Lee

10h15-10h30 Coffee break

10h30-12h30 **Students' presentations 29-30-31:** Razan Rassoul; Adra Jaafar; Aida Harmel Besbes. **Facilitator:** H. M'henni and S. Haddad

- 12h30-14h15** Lunch break
- 14h15-16h15** **Students' presentations 32-33-34:** Hajer Karaa; Ferroui Ramzi; Amani Boussaada **Facilitator:** Keun Lee and S. Haddad
- 16h15-16h30** Coffee break
- 16h30-18h30** **Lecture 22 plus Workshop 2** Challenges in the Management of innovation and Development agenda: Managing Innovation hubs in Africa. **Facilitator:** E. Lorenz, A.Kingiri, S. Haddad and invited speakers from the industrial sector in Tunisia.

Thursday 31st March: Closing Session at the Amphitheater Odysse

- 09h00-12h00** Official closing speech by the Dean of the École Supérieure de Commerce of Tunis
- Speech by AfricaLics representative (A. Kingiri)
 - Speech by Student representative
 - Speech by the representative of the facilitators
 - Price award for the best proposal (offered by the University of Manouba)

- 12h00-14h00** Lunch Break
- Afternoon Visit to the old Ribat of Hammamet
- 20h00** Group dinner

Friday 1st April, 2016: Departure

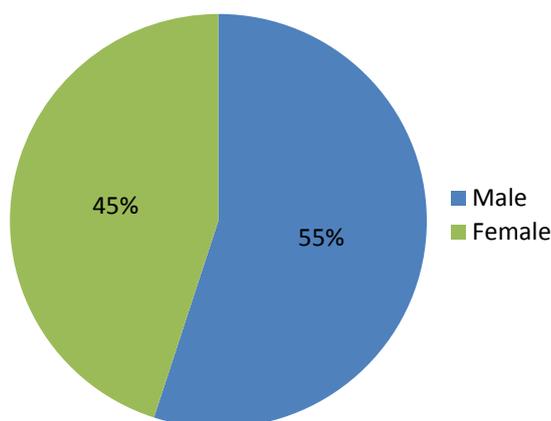
Appendix 3: List of PhD students

Tunis, PhD Academy 21st -31st March, 2016, Hammamet (Tunisia)

No :	Name	Country
1	Caleb M. Adelowo	NIG.
2	Aida Harmel Besbes	TUN.
3	Hajer Karaa	TUN.
4	Raja Dekhil	TUN.
5	Ferroui Ramzi	ALG.
6	Intissar Gara-Sakis	TUN.
7	Gezahegn T. Dadi	ETH.
8	Wamalwa Herbert	KEN.
9	Laurence N. Molou	CAM.
10	Omar Ouhejjou	MOR.
11	Monica Addison	GHA.
12	Musambya Mutambala	TZA.
13	Saifalah Benjrad	LYB.
14	Razan Rassoul	LIB.
15	Genesquin G. L. Keudem	BURK.
16	Asma Regregui	MOR.
17	Traore Nohoua	CIV.
18	Hanen Teka	TUN.
19	Abiodun Oyebola	NIG.
20	Attig Bahar Faten	TUN.
21	Amani Boussaada	TUN.
22	Salma Ezzedine	TUN.
23	Mebbani Youcef	ALG.
24	Ahmadouche Nadia	ALG.
25	Binyam A. Demena	ERT.
26	Martin Kang'ethe	KEN.
27	Latifah Tchouto	CAM.
28	El Menzani Younes	MOR.
29	Mirabel G. Ukpabio	NIG.
30	Hadia Baassiry	LIB.
31	Adepoju, A. Oluwaseun	NIG.
32	Adra Jaafar	MOR.
33	Kouadio K. Boniface	CIV.

Distribution between male and female students

Country	Male	Female
Nigeria	2	2
Tunisia	3	5
Algeria	2	1
Ethiopia	1	0
Kenya	2	0
Cameron	0	2
Morocco	2	2
Ghana	0	1
Tanzania	1	0
Libya	1	2
Burkina Faso	1	0
Liberia	1	0
Côte d'Ivoire	2	0
Total	18	15



Appendix 4: List of facilitators and speakers

No :	Name	Institution	Country
1	Abdelkader Djeflat	University of Lille 1	FRANCE
2	Alexandre Vera Cruz	Universidad Autónoma Metropolitana - Xochimilco	MEXICO
3	Bitrina Diyamett	STIPRO	TANZANIA
4	Rebecca Hanlin	AfricaLics	UK/KENYA
5	Mammo Muchie	Tshwane University of Technology	SA/ ETHIOPIA
6	Edward Lorenz	GREDEG, University of Nice	USA/FR
7	Keun Lee	University of Seoul	SOUTH KOREA
8	Anna Kingiri	African Centre for Technology Studies (ACTS)	KENYA
9	Margrethe Andersen	Aalborg University	DENMARK
10	Adel Ben Youssef	GREDEG, University of Nice	TUN/FR
11	Samia Haddad	ESSEC Tunis	TUNISIA
12	Samir Ghazouani	ESC Tunis	TUNISIA

13	Hafedh Abdennebi	IHEC Tunis	TUNISIA
14	Nessrine Omrani	Paris School of Business	TUN/FR
15	Hatem M'henni	ESC Tunis	TUNISIA
16	Jejel Ezzine	ENIT	TUNISIA

Workshops facilitators

No :	Name	Entreprise	Country
1	Maher Khanfir	Wiki Startup	TUNISIA
2	Oualid Triki	Wiki Startup	TUNISIA
3	Ilyes Gouja...	Vitalight Lab	TUNISIA
4	Abdelaziz Lassoued,	CIFOD'COM, Elgazala Technopark	TUNISIA
5	Soukayna Rahmani	Pépinière, Elgazala Technopark	TUNISIA

Distribution between male and female facilitators and speakers

Country	Male	Female
Tunisia	9	3
Tanzania	0	1
Kenya	0	2
Ethiopia	1	0
USA	1	0
South Korea	1	0
Mexico	1	0
Denmark	0	1
France	1	0
Total	14	7

