



The Abdus Salam
International Centre for Theoretical Physics



Activity SMR: 1691

ICTP-INFN Microprocessor Laboratory ICTP-KNUST Regional Microelectronics Workshop on FPGA and VHDL for Research and Training in Africa

25 July 2005 - 5 August 2005
Kumasi - GHANA

Total Number of Visitors: 42

Preliminary List of Participants

DIRECTOR

Total number in this function: 4

| No. | NAME and INSTITUTE | DoB | Sex | Nationality | Function |
|--|---|------------|-----|-------------|-----------------|
| 1. | ABDALLAH NIZAR Research Field : Research Topic : | 21/01/1961 | M | FRANCE | DIRECTOR |
| Permanent address: Actel Corporation 2061 Stierlin Court 94043-4655 Mountain View CA UNITED STATES OF AMERICA Permanent Institute e mail nizar@actel.com,nizar_abdallah@yahoo.com | | | | | |
| 2. | ALLOTEY FRANCIS K.A. Research Field : Research Topic : | 09/08/1932 | M | GHANA | DIRECTOR |
| Permanent address: Institute of Mathematical Sciences P.O. Box LG 197 Accra Legon GHANA Permanent Institute e mail fka@ghana.com | | | | | |
| 3. | ANDAM KWESI AKWANSAH Research Field : Research Topic : | 15/12/1946 | M | GHANA | DIRECTOR |
| Permanent address: University of Science and Technology School of Engineering Mechanical Engineering Dept. Kumasi GHANA Permanent Institute e mail USTLIB@UST.GN.APC.ORG, andam@yahoo.com | | | | | |
| 4. | CICUTTIN ANDRES Research Field : Research Topic : | 02/12/1961 | M | ITALY | DIRECTOR |
| Permanent address: I.C.T.P.-I.N.F.N. Microprocessor Laboratory Via Beirut 31 (34100) Trieste ITALY Permanent Institute e mail cicuttin@ictp.trieste.it | | | | | |

| No. | NAME and INSTITUTE | DoB | Sex | Nationality | Function |
|-----|--------------------|-----|-----|-------------|----------|
|-----|--------------------|-----|-----|-------------|----------|

CONFERENCE LECTURER

Total number in this function: 2

| | | | | | |
|----|-------------------------------|------------|---|---------|----------------------------|
| 5. | DONDO GAZZANO JULIO D. | 09/10/1958 | M | URUGUAY | CONFERENCE LECTURER |
|----|-------------------------------|------------|---|---------|----------------------------|

Research Field :

Research Topic :

Permanent address:

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 Laboratorio de Electronica
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 5700 San Luis
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| | | | | | |
|----|---------------------------------|------------|---|-----------|----------------------------|
| 6. | MAGNASCO MARCELO OSVALDO | 14/12/1963 | M | ARGENTINA | CONFERENCE LECTURER |
|----|---------------------------------|------------|---|-----------|----------------------------|

Research Field :

Research Topic :

Permanent address:

The Rockefeller University
 Mathematical Physics Lab
 Box 212
 1230 YOrk Avenue
 New York 10021
 NY
 UNITED STATES OF AMERICA
 Permanent Institute e mail magnasco@rockefeller.edu

| No. | NAME and INSTITUTE | DoB | Sex | Nationality | Function |
|-----|--------------------|-----|-----|-------------|----------|
|-----|--------------------|-----|-----|-------------|----------|

TUTOR

Total number in this function: 6

7. **AJEWOLE AYOTOKUNBO IFEOLUWASEYI** 20/10/1977 M NIGERIA **TUTOR**

Research Field :

Research Topic :

Permanent address:

E12 Technology Ltd
Area 10
Garki
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8. **BENFDILA AREZKI** 10/06/1964 M ALGERIA **TUTOR**

Research Field : **MICROELECTRONICS& DEVICE&CIRCUITS
SIMULATION**

Research Topic : **SIMULATION & CHARACTERIZATION OF CMOS
DEVICE & ICS**

Permanent address:

Microelectronics and Device Physics
Laboratory (Lmpds)
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Tizi Ouzou 15000
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9. **BOATENG KWAME OSEI** 28/12/1962 M GHANA **TUTOR**

Research Field :

Research Topic :

Permanent address:

Kwame Nkrumah University of Science & Technology
School of Engineering
Department of Electrical & Electronic Engineering
Kumasi
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10. **OKYERE PHILIP KWAKU FOSU** 25/06/1968 M GHANA **TUTOR**

Research Field :

Research Topic :

Permanent address:

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| No. | NAME and INSTITUTE | DoB | Sex | Nationality | Function |
|--|--|------------|-----|-------------|--------------|
| 11. | OSAE SHILOH KWABENA DEDEH Research Field : Research Topic : | 28/05/1963 | M | GHANA | TUTOR |
| Permanent address: | | | | | |
| Geochemistry/Applied Isotope Research Laboratory Department of Chemistry NNRI/GAEC P.O. Box LG80 Legon Accra GHANA Permanent Institute e mail shiloh@libr.ug.edu.gh | | | | | |

| | | | | | |
|-----|--|------------|---|-----------------------|--------------|
| 12. | SHAPIRO ALEXANDER Research Field : Research Topic : | 07/01/1971 | M | RUSSIAN FEDERATION | TUTOR |
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I.C.T.P.-I.N.F.N. Microprocessor Laboratory
Via Beirut 31
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Present Institute e-mail: chapiro@ictp.trieste.it
Until: **30 April 2005**

| No. | NAME and INSTITUTE | DoB | Sex | Nationality | Function |
|-----|--------------------|-----|-----|-------------|----------|
|-----|--------------------|-----|-----|-------------|----------|

PARTICIPANT

Total number in this function: 30

13. **ABAVARE ERIC KWABENA KEYH** 25/07/1976 M GHANA **PARTICIPANT**

Research Field : **APPLIED PHYSICS**

Research Topic : **MICROELECTRONICS NUCLEAR INSTRUMENTATION**

Permanent address:

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 Department of Physics
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14. **AFRIYIE PROSPER KOFI** 05/07/1960 M GHANA **PARTICIPANT**

Research Field : **DIGITAL SYSTEM DESIGN**

Research Topic : **MICROCONTROLLER AND SENSORS DESIGN**

Permanent address:

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 National Nuclear Research Institute
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 Legon
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15. **AGGREY-SMITH SAMUEL** 27/08/1969 M GHANA **PARTICIPANT**

Research Field : **NUCLEAR PHYSICS**

Research Topic : **RADIATION ON SHIELDING OF WOODS**

Permanent address:

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 Department of Physics
 University Post Office
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 GHANA
 Permanent Institute e mail saggreysmith@yahoo.com

16. **AKORLI FELIX KORBLA** 05/08/1955 M GHANA **PARTICIPANT**

Research Field : **RADIO PROPAGATION**

Research Topic : **WIRELESS COMMUNICATION**

Permanent address:

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 Department of Physics
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Present institute:

National University of Rwanda
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 P.O. Box 117
 Butare
 RWANDA
 Present Institute e-mail: fakorli@yahoo.com
 Until: **31 August 2005**

| No. | NAME and INSTITUTE | DoB | Sex | Nationality | Function |
|--|---|------------|-----|-------------|--------------------|
| 17. | AMANKWAH EDWARD KEVIN Research Field : FPGA DEVICE ARCHITECTURE EXPLORATION & CONFIGUR Research Topic : PLACEMENT & ROUTING IN DEEP SUBMICRON FPGA ARCH. | 23/08/1968 | M | GHANA | PARTICIPANT |
| Permanent address: Kwame Nkrumah University of Science and Technology (KNUST) Department of Civil Engineering Kumasi GHANA Permanent Institute e mail kari-kacha@gmx.net | | | | | |
| 18. | AMPONG KOFI FRANCIS Research Field : SEMICONDUCTOR PHYSICS Research Topic : QUANTUM CASCADE LASER | 11/07/1970 | M | GHANA | PARTICIPANT |
| Permanent address: Kwame Nkrumah University of Science & Technology Department of Physics University Post Office Kumasi GHANA Permanent Institute e mail kampxx@yahoo.com | | | | | |
| 19. | ANOKYE FRANK BOAFO Research Field : FPGA/VIRTUAL RECONFIGURABLE INSTRUMENTATION Research Topic : FIELD PROGRAMMABLE GATE ARRAY | 13/05/1976 | M | GHANA | PARTICIPANT |
| Permanent address: Kwame Nkrumah University of Science & Technology School of Engineering Department of Electrical & Electronic Engineering Kumasi GHANA Permanent Institute e mail aboafa88@yahoo.com | | | | | |
| 20. | ASAMOAH DANIEL ADOMAKO Research Field : INFORMATION AND COMMUNICATION TECHNOLOGY Research Topic : COMPUTER NETWORKING | 07/07/1980 | M | GHANA | PARTICIPANT |
| Permanent address: Kwame Nkrumah University of Science and Technology (KNUST) Department of Civil Engineering Kumasi GHANA Permanent Institute e mail esoeust@ighmail.com | | | | | |

| No. | NAME and INSTITUTE | DoB | Sex | Nationality | Function |
|---|--|------------|-----|-------------------------|--------------------|
| 21. | ATAYERO ADEREMI AARON ANTHONY Research Field : FPGA DESIGN & APPLICATIONS Research Topic : FPGA BASED SATCOM SYSTEMS DESIGN | 26/10/1969 | M | NIGERIA | PARTICIPANT |
| Permanent address: Covenant University Department of Electrican & Information Engineering Km. 10 Idiroko Road PMB 1023 Ota Ogun State NIGERIA Permanent Institute e mail atayero@ieee.org | | | | | |
| 22. | BOADU ERNEST Research Field : MICROPROCESSOR Research Topic : PROGRAMMING MICROPROCESSOR BASED HARDWARE | 13/09/1956 | M | GHANA | PARTICIPANT |
| Permanent address: Ghana Atomic Energy Commission Denic P.O. Box L80 Legon Accra GHANA Permanent Institute e mail EYBOADU@HOTMAIL.COM | | | | | |
| 23. | COMMEH MICHAEL KWEKU Research Field : CERAMIC MATERIAL ECO-TOURISM BIO-DIVERSITY Research Topic : NON-DISTRUCTIVE EVALUATION,MATH.MODELLING,LINUX | 15/04/1964 | M | GHANA | PARTICIPANT |
| Permanent address: Technology consultancy Centre Kwame Nkrumah University of Science and Technology (KNUST) Kumasi GHANA Permanent Institute e mail kwekummichael@gmx.de | | | | | |
| 24. | DIKANDE ALAIN MOISE Research Field : NEUROELECTRONICS & NERVE CIRCUIT,IMPULSE SIGNAL Research Topic : CABLE MODEL OF NEURONAL CIRCUIT SIGNAL PROCESSING | 18/02/1964 | M | REPUBLIC OF CAMEROON | PARTICIPANT |
| Permanent address: Department of Physics Faculty of Science University of Buea P.O. Box 63 South West Province Buea REPUBLIC OF CAMEROON Permanent Institute e mail bithadel@yahoo.com | | | | | |

| No. | NAME and INSTITUTE | DoB | Sex | Nationality | Function |
|--|---|------------|-----|-------------|--------------------|
| 25. | EGHAN MOSES JOJO Research Field : PHOTONICS Research Topic : IMAGE OPTICS | 15/11/1965 | M | GHANA | PARTICIPANT |
| Permanent address: University of Cape Coast Laser and Fiber Optics Centre (LAFOC) Department of Physics Cape Coast GHANA Permanent Institute e mail eghan_jm@yahoo.com | | | | | |
| 26. | ELEBLU FRANKLIN Research Field : PROGRAMMABLE DEVICES Research Topic : FPGA APPLICATIONS | 28/04/1978 | M | GHANA | PARTICIPANT |
| Permanent address: Department of Religions University of Ghana Legon Accra GHANA | | | | | |
| 27. | EZEONU STELLA OGOCHUKWU Research Field : ULTRASONICS, FERROELECTRICS AND FREQUENCY CONTROL Research Topic : SOLAR ENERGY DRIVEN ULTRASONIC SCARECROW | 30/09/1970 | F | NIGERIA | PARTICIPANT |
| Permanent address: Department of Production Technology Nnamdi Azikiwe University P.M.B. 5025 Anambra State Awka NIGERIA Permanent Institute e mail ogoezeonu@yahoo.co.uk | | | | | |
| 28. | EZIN COKOU EUGENE Research Field : SIGNAL PROCESSING AND NEURAL NETWORKS Research Topic : NOISE ENHANCEMENT AND MODELING | 13/07/1966 | M | BENIN | PARTICIPANT |
| Permanent address: Universite d'Abomey-Calavi Institut de Mathematiques et de Sciences Physiques B.P. 613 Porto Novo BENIN Permanent Institute e mail eugene.ezin@imsp-uac.org | | | | | |

| No. | NAME and INSTITUTE | DoB | Sex | Nationality | Function |
|--|--|------------|-----|-------------|--------------------|
| 29. | FASINA EBUN OLUWA PHILLIP Research Field : COMPUTER ARCHITECTURE Research Topic : HIGH PERFORMANCE PROCESSORS | 26/05/1961 | M | NIGERIA | PARTICIPANT |
| Permanent address: University of Lagos Department Computer Sciences Akoka Yaba Lagos NIGERIA Permanent Institute e mail epfash@yahoo.com | | | | | |
| 30. | HOUNGUE PELAGIE Research Field : Research Topic : | 30/09/1981 | M | BENIN | PARTICIPANT |
| Permanent address: Universite d'Abomey-Calavi Institut de Mathematiques et de Sciences Physiques B.P. 613 Porto Novo BENIN Permanent Institute e mail pelagie.houngue@imsp-uac.org,hepy1900@yahoo.fr | | | | | |
| 31. | KANYANKORE PROTAS Research Field : UNIVERSAL ACCESS Research Topic : DSL TECHNOLOGY | 20/06/1970 | M | RWANDA | PARTICIPANT |
| Permanent address: National University of Rwanda Fac. Science & Technology P.O. Box 117 Butare RWANDA Permanent Institute e mail kanyankore@yahoo.fr | | | | | |
| 32. | KHEDR YASSER M. KAMAL Research Field : FPGA ANALOG CIRCUIT CARD IMPLEMENTATION Research Topic : INSTRUMENTATION AND CONTROL IN RESERCH REACTORS | 15/11/1970 | M | EGYPT | PARTICIPANT |
| Permanent address: Atomic Energy Authority Second Egypt Research Reactor ETTR-2 Inshas P.O. Box 13759 Cairo EGYPT Permanent Institute e mail ymkkhedr@yahoo.com | | | | | |

| No. | NAME and INSTITUTE | DoB | Sex | Nationality | Function |
|---|--|------------|-----|-------------|--------------------|
| 33. | MPHOLO MOEKETSI Research Field : Research Topic : | 17/12/1971 | M | LESOTHO | PARTICIPANT |
| Permanent address: National University of Lesotho Department of Physics and Electronics P.O. Box Roma 180 Lesotho LESOTHO Permanent Institute e mail mi.mpholo@nul.ls | | | | | |
| 34. | NAKKACH MOHAMED Research Field : APPLIED PHYSICS Research Topic : INSTRUMENTATION, LASERS | 10/10/1978 | M | TUNISIA | PARTICIPANT |
| Permanent address: Universite de Tunis Faculte Des Sciences D. de Physique Campus Universitaire Le Belvedere 1060 Tunis TUNISIA Permanent Institute e mail nakkach_Mohamed@yahoo.fr | | | | | |
| 35. | ODHIAMBO DOROTHY WINFRED Research Field : DIGITAL COMMUNICATIONS Research Topic : SPEECH RECOGNITION | 08/04/1965 | F | KENYA | PARTICIPANT |
| Permanent address: Kenya College of Communications Technology P.O. Box 33228 Nairobi KENYA Permanent Institute e mail dodhiambo0@lycos.com | | | | | |
| 36. | OJEYINKA TAIWO OLUSEGUN Research Field : COMPUTER ARCHITECTURE Research Topic : ARCHITECTURE FOR PROGRAMMABLE ASIP MICROPROCESSOR | 23/06/1970 | M | NIGERIA | PARTICIPANT |
| Permanent address: University of Lagos Department Computer Sciences Akoka Yaba Lagos NIGERIA Permanent Institute e mail taiwohyperlink@yahoo.com | | | | | |

| No. | NAME and INSTITUTE | DoB | Sex | Nationality | Function |
|---|--|------------|-----|-------------|--------------------|
| 37. | OKEY TOUSSAINT Research Field : TIMED EVENT GRAPHS WITH VARIABLE RESOURCES Research Topic : NETWORK OPTIMIZATION THROUGH PROCESSORS, MEMORIES | 18/10/1969 | M | BENIN | PARTICIPANT |
| Permanent address: Universite d'Abomey-Calavi Institut de Mathematiques et de Sciences Physiques B.P. 613 Porto Novo BENIN Permanent Institute e mail saintokey@yahoo.fr | | | | | |
| 38. | OLADIPO ONAOLAPO FRANCISCA Research Field : COMPUTER SCIENCE Research Topic : DATA COMM., DIGITAL DESIGN AND MICROPROCESSOR | 15/01/1978 | F | NIGERIA | PARTICIPANT |
| Permanent address: Nnamdi Azikiwe University Department of Computer Science P.M.B. 5025 Anambra State Awka NIGERIA Permanent Institute e mail onaolamipo@yahoo.com | | | | | |
| 39. | SALEH HASSAN IBRAHIM Research Field : DIGITAL SIGNAL PROCESSING IMAGE PROCESS.FPGA Research Topic : IMAGE COMPRESSION WATERMARKING DIGITAL FILTERSFFT | 21/03/1970 | M | EGYPT | PARTICIPANT |
| Permanent address: National Centre For Radiation Research and Technology(Ncrrt) Department of Engineering P.O. Box 29 Nasr City Cairo EGYPT Permanent Institute e mail h_i_saleh@hotmail.com | | | | | |
| 40. | SIGALA GILBERT ODHIAMBO Research Field : DATA PROCESSING Research Topic : DATA RECOVERY | 17/11/1960 | M | KENYA | PARTICIPANT |
| Permanent address: Kenya Technical Teachers College P.O. Box 44600 Nairobi KENYA Permanent Institute e mail gsigala2001@yahoo.com | | | | | |

| No. | NAME and INSTITUTE | DoB | Sex | Nationality | Function |
|-----|---|------------|-----|----------------------|--------------------|
| 41. | SONE MICHAEL EKONDE | 19/11/1965 | M | REPUBLIC OF CAMEROON | PARTICIPANT |
| | Research Field : DIGITAL COMMUNICATIONS | | | | |
| | Research Topic : WAVELET TECHNIQUES IN COMMUNICATION PROCESSOR | | | | |
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| 42. | TAWIAH THOMAS ANDZI-QUAINOO | 20/02/1962 | M | GHANA | PARTICIPANT |
| | Research Field : IMAGE AND VIDEO COMMUNICATIONS | | | | |
| | Research Topic : VIDEO CODING AND TRANSMISSION OVER WIRELESS LINKS | | | | |
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