



EENP2 General Collaboration Meeting, 21 January 2016

WP4-Report



By

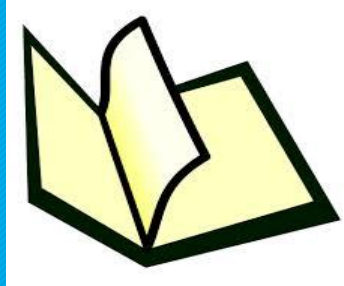
Dr. Elsayed Salama

British University in Egypt / Ain Shams University

Prof. Ludwik Dobrzynski

Ecole Polytechnique, France

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- Views of the last year activities
 - ✓ Egyptian participation to CMSDAS in Bari (19-23 January 2015)
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- Incoming Activities in 2016
 - ✓ 6th school of high physics
 - ✓ Secondments in 2016
- Achievements

CMSDAS school in Bari and participation from Egypt, 19-23 January 2015



The EENP2 project made six fellowships to follow the CMSDAS School in Bari. Living expenses and fee was covered by EENP2. The Egyptian candidates are:

- ✓ Sherif Elgammal,
- ✓ Ahmed Qamesh,
- ✓ Fatma Sawy,
- ✓ Mai El Sawy,
- ✓ Reham Ali,
- ✓ Ahmed Abdelalim.



Mini CMS Data Analysis School in Egypt April 2015 (18-22 April 2015)



- About 20 students participants From several Egyptian Universities.
- Three subgroups training sessions.
- Five exercises are covered professional and experts from Egypt and Italy:
 - Muons: Nicola De Filippis (INFN Bari)
 - Electrons: Sherif Elgammal (British University in Egypt)
 - Trigger: Ahmed El-Said (British University in Egypt), Ahmed Qamesh (Cairo University)
 - Generators: Mohamed Attia (Fayoum University)
 - Tracking/Vertexing: Ahmad Lotfy (Fayoum University)



5th Egyptian School on High Energy Physics (November 14 - 19, 2015, Zewail City)



Sponsored by
FP7 – EENP2 Project & Network of Nuclear Sciences, ASRT

Organizing Committee

- Abdelalaim, Ahmed (Zewail City & HU)
- Lashin, El Sayed (Zewail City)
- Mohamed, Amr (Zewail City)

Invited Speakers

- De Filippis, Nicola (POLIBA)
- De Roeck, Albert (CERN)
- Elgammal, Sherif (BUE)
- Ellis, John (CERN)
- Fassnacht, Patrick (CERN)
- Gallinaro, Michele (LIP Lisbon)
- Ibrahim, Tarek (Zewail City)
- Manzari, Vito (INFN & Bari)
- Miné, Philippe (LLR & Palaiseau)
- Sartirana, Andrea (LLR & Palaiseau)

Advisory Committee

- Deneqri, Daniel (Saclay & CERN)
- Dobrzynski, Ludwik (LLR & Palaiseau)
- Hussein, Tarek (ASRT & CU) - Co-Chair
- Iselli, Giuseppe (POLIBA)
- Khalli, Shaaban (Zewail City) - Co-Chair

Featured Topics

- Accelerator physics
- Astroparticle physics
- Cosmology
- Data analysis
- HEP Instrumentation
- Large Hadron Collider
- Standard Model
- Symmetries in HEP

Participation
The School aims at the graduate students, interested in topics pertaining to High Energy Physics. Limited financial support is provided for travel and accommodation, for eligible participants.

For more info
www.zewailcity.edu.eg/eshep15

Contact Us
CFP@zewailcity.edu.eg



5th Egyptian School on High Energy Physics (November 14 - 19, 2015, Zewail City)



Feedback from the 5th School of High Energy Physics

- ✓ School Organization was very appreciable and was more enhanced than the previous schools.
- ✓ The undergraduate students participation and their question during the public lectures on the opening sessions were wonderful and highly promising.
- ✓ The public lectures were more attractive by the contribution of the world famous speakers in the field of particle physics.



5th Egyptian School on High Energy Physics (November 14 - 19, 2015, Zewail City)



Feedback from the 5th School of High Energy Physics

- ✓ The number of attendances were lower than the previous years.
- ✓ No participation of foreign students from the Arab countries.



Views of the last year activities



❑ Secondments in 2015 (20.79 Months)

<u>To Bari (POLIBA), 2015</u>	Months
Ahmed Ali Abdelalim	0.48
Ahmed Sayed Ali	1.05
Samah	2
Reham Mohamed	0.48
Ahmed Fouad Qamesh	0.52
Sherif Elgamal	0.54
Fatma	0.48
Hamed Kamel	2
Total	6.24

<u>To LLR (ECOLE), 2015</u>	Months
Antonious Elkomous	0.74
Mohamed Elshamy	0.74
Sherif Elgammal	1.7
A. Fouad	1.39
Amr Radi	0.81
Elshamy	0.37
Ahmed Sayed	1.12
Ahmed Abdella	1.03
Ola	2.43
Tayel	1.02
Total	13.25



Incoming Activities in 2016

- 6th School of High Energy Physics
- Secondments in 2016

Incoming Activities in 2016

□ 6th School of High Energy Physics



Incoming Activities in 2016

6th School of High Energy Physics

Date

Place

Participants

Egyptian School on High Energy Physics
27th May to 4th June 2009
ASRT, CTP-BUE, Egypt

Under the auspices of Academy of Scientific research and technology (ASRT) and The French Institute National de Physique Nucléaire et de Physique des Particules (IN2P3), the Center for Theoretical Physics at the British University is proud to host the first Egyptian summer school on High Energy physics from 27th May to 4th June, 2009. The idea of this school is to give a series of extensive courses on basic topics of particle physics, cosmology and astrophysics.

Supported by:
-Academy of Scientific research and technology (ASRT)
-Centre National de la Recherche Scientifique (CNRS)
-Institut National de Physique Nucléaire et de Physique des Particules (IN2P3)
-The British University in Egypt (BUE)
-Ain Shams University, Egypt

SCHOOL ON HIGH ENERGY PHYSICS
20th - 27th November 2010
Organized by:
Egyptian Network of High Energy Physics (ENHEP)
Under the auspices of:
The Academy of Scientific Research and Technology (ASRT), Egypt
Institut National de Physique Nucléaire et de Physique des Particules (IN2P3) CNRS, France
Istituto Nazionale Di Fisica Nucleare (INFN), Italy

The school will be held at British University. The idea of this school is to give a series of extensive courses on basic topics of particle physics, cosmology, and astrophysics.

The Organizing Committee
Prof. Frank Hees (CTP-BUE)
Prof. Levente Horvath (Ecole polytechnique)
Prof. Philippe Mail (Ecole polytechnique)
Prof. Massimo Ricci (CTP-BUE)
Prof. Philippe Mail (Ecole polytechnique)
Prof. Nicolas De Filippo (Ecole Polytechnique)
Prof. Giuseppe Ianni (Ecole Polytechnique)
Prof. Cyril Stenkin (Institut des Hautes Études Scientifiques)
Dr. Amr Awad (CTP-BUE)

The Invited Speakers
Prof. Levente Horvath (Ecole polytechnique)
Prof. Emilio Ceballos (CERN)
Prof. Massimo Ricci (CTP-BUE)
Prof. Philippe Mail (Ecole Polytechnique)
Prof. Cyril Stenkin (Institut des Hautes Études Scientifiques)
Prof. Rashed Elmaghrabi (Nucleon, France)

Training Supervisors
Prof. Philippe Mail (Ecole polytechnique)
Prof. Amr Elhadi (Ain Shams University)
Dr. Amr Awad (CTP-BUE)
Dr. Mohamed Elmaghrabi (Nucleon, France)
Dr. Shadi Elmaghrabi (Ecole polytechnique)

Topics
Latest results of LHC experiments
Standard model beyond at LHC
Grid & analysis tools for an LHC experiment
Tracking detectors at LHC

Please visit <http://ctp.bue.edu.eg> for the school 2010 Brochure/Calendar.
For more information contact: ctp@bue.edu.eg

3rd School on High Energy Physics
Cairo University (Central Library)
26th April - 2nd May 2012
British University in Egypt (BUE)
26th April - 2nd May 2012
Organized by:
Egyptian Network on High Energy Physics (ENHEP)
Under the auspices of:
The Academy of Scientific Research and Technology (ASRT), Egypt
Institut National de Physique Nucléaire et de Physique des Particules (IN2P3) CNRS, France
Istituto Nazionale Di Fisica Nucleare (INFN), Italy

HONORARY CHAIRMEN
Prof. HANZA, A. (BUE)
Prof. HERRERO, T. (CTC)
Prof. MAHMOUD, M. (BUE)

SCIENTIFIC COMMITTEE
Abdel-Azim, A. (Helwan University, CTP-ZC)
Awad, A. (CTP-ZC)
Tamer, E. (Sorbonne University, France)
Eggemann, Sh. (CTP-ZC)
TIBIKI, R. (CTC)

ORGANIZING COMMITTEE
Abou-Shady, Hoda (NSRF, CT)
Dobryzynski, S. (Ecole Polytechnique, France)
Larabi, C. (BUE University, Italy)
Brahim, H. (NSRF, CT)
Khalil, Sh. (CTP-ZC)
Mansour, P. (Ecole Polytechnique, France)
Rahil, A. (Ain Shams, CTP-BUE)
Wassan, M. (CTP-BUE)

SUPPORT TEAM
Dina Abdel Rahman (CTP) - The school secretary in Egypt
Meh El Emry (The British University in Egypt)

For registration, please visit <http://www.bue.ac.eg/technology>
For more information, please contact: ctp@bue.edu.eg or call: 0111421121

The 4th Egyptian School of High Energy Physics
26 April - 5 May 2014
Ain Shams University (ASU) & The British University in Egypt (BUE)
Organized by:
Egyptian Network of High Energy Physics (ENHEP)
European Egypt Network for Particle Physics (EENP)

HONORARY CHAIRMEN
Prof. Ali Abdel Aziz (Vice President of Ain Shams University, Egypt)
Prof. Mustafa Gadea (President of The British University in Egypt)

SCIENTIFIC COMMITTEE
Abdel-Azim, A. (Helwan University, CTP-ZC)
Awad, A. (CTP-ZC)
Tamer, E. (Sorbonne University, France)
Eggemann, Sh. (CTP-ZC)
TIBIKI, R. (CTC)

ORGANIZING COMMITTEE
Amr Bahi (The Faculty of Science, The British University in Egypt)
Chahar, M. (The British University in Egypt)
Abou-Shady, Hoda (NSRF, CT)
Dobryzynski, S. (Ecole Polytechnique, France)
Larabi, C. (BUE University, Italy)
Brahim, H. (NSRF, CT)
Khalil, Sh. (CTP-ZC)
Mansour, P. (Ecole Polytechnique, France)
Rahil, A. (Ain Shams, CTP-BUE)
Wassan, M. (CTP-BUE)

SUPPORT TEAM
Dina Abdel Rahman (CTP) - The school secretary in Egypt
Meh El Emry (The British University in Egypt)

For registration, please visit <http://www.bue.ac.eg/technology>
For more information, please contact: ctp@bue.edu.eg or call: 0111421121

The 5th Egyptian School on High Energy Physics
November 14 - 19, 2015
British University of Science & Technology
Giza, Egypt

Sponsored by:
FFF - INFN Project & Network of Nuclear Science, ASRT

Organizing Committee:
- Abdel-Azim, Abdel-Azim (CTP-ZC & INFN)
- Levent, R. (Ecole Polytechnique)
- Massimo, Ricci (Ecole Polytechnique)

Invited Speakers:
- Dr. H. Hees, Mainz (DESY)
- Dr. G. Aad, CMS
- Eggemann, Shadi (CTP)
- Gadea, Mustafa (BUE)
- Gadea, Mustafa (BUE)
- Gadea, Mustafa (BUE)
- Gadea, Mustafa (BUE)
- Gadea, Mustafa (BUE)
- Gadea, Mustafa (BUE)

For more info:
www.bue.ac.eg/ctp

Contact Us:
ctp@bue.ac.eg

27th May

20th Nov

26th April

26th April

14th Nov

Three times in April and May (the end of the academic year) and two times in November (the beginning of the academic year). Later than May or earlier than November (away from the academic studying year) may allow for more participants.

The date of the final decision has to be defined in the executive committee (EC).



Incoming Activities in 2016

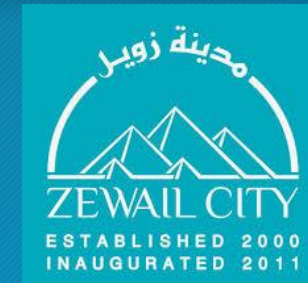
□ 6th School of High Energy Physics

Date

Place

Participants

- BUE, UFE, ASU, CU, MTI, Helwan and Zewail University are the alternative places for schools.
- Combination between two universities were previously proposed where more facilities (**Enough transportation, Guest houses, computing labs**) will be available.
- The selection or the way of selection should be defined in the EC.



Incoming Activities in 2016

□ 6th School of High Energy Physics

Date

Place

Participants

- As usual, professors and highly experienced researchers from Egypt, CERN, France (LLR) and Italy (Bari) are the participating speakers.
- Students from all Egyptian Universities should be invited to participate.
- Students from Arab countries will be invited to participate.



Incoming Activities in 2016



Secondments in 2016

	POLIBA	ECOLE	ECOLE/CERN	VIRTUAL SECONDMENT
FELLOSHIPS				
Ahmed Hammad	4			
Ahmed Qamesh	3	1		
Waleed Esmail	4			
Ashraf Kasem	4			
WP1				
Ahmed Ali	1			
Sherif Elgammal		1		
Reham Aly	2			
Walaa Elmetenawee	2			
Mai Elsawy			1	
Mohamed Rashad			1	
Elsayed Tayel			1	
WP2				
Samah Balouza		1	3	
Ahmed Sayed				2
Ola Aboamer				2
Salwa Mohamed				2
Amr Mohamed	0,5			
Mahmoud Ameen	0,5			
Amr Radi		2		
Sherin Moussa		2		
WP3				
Secoement 1		1		
Secoement 2		1		
WP4				
Secoement 1	2			
Secoement 2		1		



A wooden signpost with two vertical posts and a horizontal sign. The sign is light brown with a darker brown border and has four circular holes, one in each corner. The word "Achievements" is written in white, sans-serif font across the center of the sign. The signpost is set on a small patch of bright green grass with some blades of grass sticking up. The background is plain white.

Achievements

The achievements



An evaluation report about all the last years activities will be prepared. This report should include statistical data and documented information.

A green rectangular sign with rounded corners and a white border is mounted on two wooden posts. The sign features the words "Thank You" in a large, white, sans-serif font. The background is a bright blue sky filled with scattered white cumulus clouds.

Thank You