

ASP2014

Sunday 03 August 2014 - Saturday 23 August 2014

Cheikh Anta Diop University Dakar

Programme

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Sunday 03 August 2014

Welcome Session - (17:00-19:30)

Monday 04 August 2014

Theoretical Physics - (09:00-18:30)

Introduction to Particle Physics I & II - (09:00-10:30)

- Presenters: ACHARYA, Bobby Samir

Quantum Mechanics Recaps I & II - (11:00-12:30)

- Presenters: ENGLERT, Christoph

Special Relativity and Kinematics I & II - (14:00-15:30)

- Presenters: ENGLERT, Christoph

Feynman Diagrams and Hadroproduction Processes I & II - (16:00-17:30)

- Presenters: ENGLERT, Christoph

Linux Boot camp - (17:30-18:30)

- Presenters: REGNAULD, Phil; ALLEN, Hervey; BOUBA, Fanta; GUEYE SY, Khoudia

Tuesday 05 August 2014

Nuclear Physics I & II - (09:00-10:30)

- Presenters: ELOUADRHIRI, Latifa

Theoretical Physics: Theoretical Physics - (09:00-18:30)

SM of Particle Physics I & II - (11:00-12:30)

- Presenters: ACHARYA, Bobby

Cosmology and Astroparticle Physics I & II - (14:00-15:30)

- Presenters: DE NAUROIS, Mathieu

Linux Boot Camp - (16:00-18:30)

- Presenters: REGNAULD, Phil; GUEYE SY, Khoudia; BOUBA, Fanta

Wednesday 06 August 2014

Nuclear Physics III & IV - (09:00-10:30)

- Presenters: ELOUADRHIRI, Latifa

Theoretical Physics: Theoretical Physics - (09:00-18:30)

Linux Boot Camp - (11:00-12:30)

- Presenters: BOUBA, Fanta; GUEYE SY, Khoudia; REGNAULD, Phil

Monte Carlo Generators I & II - (14:00-15:30)

- Presenters: Dr. SCHOENHERR, Marek

Parallel Sessions: Particle Physics Tutorial I & II / Nuclear Physics Computing - (16:00-18:30)

- Presenters: ELOUADRHIRI, Latifa; HEDDLE, David; ACHARYA, Bobby Samir; ENGLERT, Christoph

Thursday 07 August 2014

Cosmology and Astroparticle Physics III & IV - (09:00-10:30)

- Presenters: DE NAUROIS, Mathieu

Theoretical Physics: Theoretical Physics - (09:00-18:30)

SM of Particle Physics III & IV - (11:00-12:30)

- Presenters: ACHARYA, Bobby

Monte Carlo Generators III & IV - (14:00-15:30)

- Presenters: Dr. SCHÖNHERR, Marek

Tutorial V (MC Gen.) - (16:00-17:30)

- Presenters: SCHOENHERR, Marek

Colloquium: Particle Physics Perspective from Theory - (17:30-18:30)

- Presenters: Prof. ELLIS, John

Friday 08 August 2014

Theoretical Physics: Theoretical Physics - (09:00-18:00)

Tutorial Monte Carlo Generators III & IV - (09:00-10:30)

- Presenters: Dr. SCHÖNHERR, Marek

Nuclear Physics - (11:00-12:30)

- Presenters: ASSAMAGAN, Ketevi Adikle

(TBC) Particle-Matter Interactions, Detectors, Particle ID I & II - (14:00-15:30)

- Presenters: GOERLACH, Ulrich

Tutorial III & IV - (16:00-18:00)

- Presenters: ELLIS, Jonathan R.; ACHARYA, Bobby Samir

Saturday 09 August 2014

Excursion - (06:00-16:00)

Lunch bag for participants

Sunday 10 August 2014

Free Time - (06:00-17:00)

Monday 11 August 2014

Experimental Physics - (09:00-18:30)

(TBC) Particle-Matter Interactions, Detectors, Particle ID III & IV - (09:00-10:30)

- Presenters: GOERLACH, Ulrich

Heavy flavour production and decays at colliders - (11:00-12:30)

- Presenters: CAMPANELLI, Mario

Introduction to Statistical Analysis I & II - (14:00-15:30)

- Presenters: ASSAMAGAN, Ketevi Adikle

Introduction to Statistical Analysis III - (16:00-16:30)

- Presenters: ASSAMAGAN, Ketevi Adikle

Standard Model Results from ATLAS and CMS - (16:30-18:30)

- Presenters: GRAY, Heather

Tuesday 12 August 2014

Experimental Physics: Experimental Physics - (09:00-18:00)

Towards Physics Results from LHC Experiments I & II - (09:00-10:30)

- Presenters: MAZINI, Rachid

Geant 4 Detector Simulation I & II - (11:00-12:30)

- Presenters: APOSTOLAKIS, John

Particle-Matter Interactions, Detectors and Particle Identification - (14:00-14:40)

- Presenters: GOERLACH, Ulrich

Heavy Flavor Production and Decay at Colliders - (14:45-15:25)

- Presenters: CAMPANELLI, Mario

Parallel Sessions: French & English - (16:00-18:00)

- Presenters: ASSAMAGAN, Ketevi Adikle; GRAY, Julia Ann; YITAMBEN, Esmeralda

Wednesday 13 August 2014

Experimental Physics: Experimental Physics - (09:00-17:30)

Towards Physics Results from LHC Experiments III & IV - (09:00-10:30)

- Presenters: MAZINI, Rachid

BSM Results from LHC Experiments I & II - (11:00-12:30)

- Presenters: CHOU, John Paul

Dsicussion session - (14:00-15:30)

- Presenters: BVUMBI, Suzan; DIOUF, Saliou

Colloquium: Particle Physics Perspective from Experiment - (16:00-17:30)

- Presenters: DE ROECK, Albert

Thursday 14 August 2014

Experimental Physics: Experimental Physics - (09:00-18:30)

Neutrinos Physics and Experiments I & II - (09:00-10:30)

- Presenters: Dr. WHITE, Herman B.

ROOT Analysis Framework - (11:00-12:30)

- Presenters: GRAY, Heather

Introduction to Supersymmetry - (14:00-15:30)

- Presenters: MUANZA, Steve Guy

Discussion Session - (16:00-18:30)

- Presenters: ALL LECTURERS PRESENT

Friday 15 August 2014

Experimental Physics: Experimental Physics - (09:00-18:00)

Nano Technology - (09:00-09:40)

- Presenters: YITEMBEN, Esmeralda

Introduction to Accelerators I - (09:45-10:30)

- Presenters: LEBRUN, Philippe

Introduction to Accelerators II - (11:00-11:45)

- Presenters: LEBRUN, Philippe

Applications of Accelerators to Nuclear Energy - (11:45-12:30)

- Presenters: BABCOCK, Carla; MONTANO CARRIZALES, Jacobo Abraham

Analysis with ROOT III & IV - (14:00-15:30)

- Presenters: GRAY, Heather

Geant 4: Detector Simulation III & IV - (16:00-18:00)

- Presenters: APOSTOLAKIS, John

Saturday 16 August 2014

Free Time: Outreach Day - (14:00-18:02)

time [id] title

14:00	[137]	Welcome to the Forum and Outreach day (00h05')
14:00	[86]	Student Poster Session (04h00') <i>Presenter: LOC</i>
14:05	[138]	Remarks by Dr. H. TOURE (00h05')
14:10	[153]	Address by Telecommunication Ministry representative (00h05') <i>Presenter: Dr. NGOM, Mamoune</i>
14:15	[139]	The ASP Mission (00h10') <i>Presenters: Dr. DARVE, Christine, Dr. ASSAMAGAN, Ketevi</i>
14:25	[140]	Information and Communication Technologies developments in Africa (00h20') <i>Presenter: Dr. TOURE, Hamadoun</i>
14:45	[141]	Digital Library as a collaborative example (00h20') <i>Presenter: Dr. GUEDEGBE, Eric</i>
15:05	[142]	Student scholarships from International Telecommunication Union (00h05')
15:10		Break (00h20')
15:30	[145]	Data acquisition and GRID computing for Africa (00h15') <i>Presenter: Dr. GRAY, Julia</i>
15:45	[146]	CERN Model and Outreach Efforts (00h15') <i>Presenter: Dr. LANDUA, Rolf</i>
16:00	[148]	The Road Map for Discoveries for Africa (00h30') <i>Presenter: Dr. WHITE, Herman</i>
16:30	[149]	Round Table (01h00')

School Banquet - (18:00-22:00)

Sunday 17 August 2014

Free Time: Free Time - (06:00-17:00)

Monday 18 August 2014

Accel. Physics & Applications - (09:00-18:30)

Free time - (09:00-10:30)

Parallel Discussion Sessions French and English - Accelerators - (11:00-12:30)

- Presenters: LEBRUN, Philippe; BABCOCK, Carla; MONTANO CARRIZALES, Jacobo Abraham

Colloquium: LHC - (14:00-14:50)

- Presenters: LEBRUN, Philippe

Nano technology - (15:00-15:30)

- Presenters: YITAMBEN, Esmeralda

Nano Technology - (16:00-16:25)

- Presenters: YITAMBEN, Esmeralda

Geant4 Tutorial - (16:30-18:30)

- Presenters: APOSTOLAKIS, John

Tuesday 19 August 2014

Accel. Physics & Applications: Accel. Physics & Applications - (09:00-18:30)

Silicon Nanowires fabrication and surface nanostructuration by Metal Assisted Chemical Etching - (09:00-10:30)

- Presenters: KOBOR, Diouma

Beam Diagnostics I - (11:00-11:45)

- Presenters: RAICH, Uli

Beam Diagnostics II - (11:45-12:30)

- Presenters: RAICH, Uli

Free time - (14:00-18:30)

Wednesday 20 August 2014

Accel. Physics & Applications: Accel. Physics & Applications - (09:00-17:30)

Isotope production and Radiation therapy - (09:00-09:40)

- Presenters: SILARI, Marco

Isotope Production & Radiation Therapy - (09:45-10:25)

- Presenters: SILARI, Marco

Medical Applications I - (11:00-11:45)

- Presenters: MUANZA, Thierry

Medical Applications II - (11:45-12:30)

- Presenters: MUANZA, Thierry

Introduction to Emittance Measurement - (14:00-14:45)

- Presenters: RAICH, Uli

Practical exercises on emittance measurements - (14:45-15:30)

- Presenters: RAICH, Uli

Recap Tutorial on Beam Dynamics & Accelerator Concepts - (16:00-16:45)

- Presenters: RAICH, Uli

Neutron Sources - (16:45-17:30)

- Presenters: DARVE, Christine

Thursday 21 August 2014

Accel. Physics & Applications: Accel. Physics & Applications - (09:00-18:30)

Coupling of two angular momenta using graphical methods - (09:00-10:30)

- Presenters: NDAO, Ababacar S

High Throuput Computing & HEP - (11:00-11:45)

- Presenters: Prof. YU, Jae

Digital Library I - (11:45-12:30)

- Presenters: VIGEN, Jens

Digital Library II - (14:00-14:40)

- Presenters: VIGEN, Jens

Radiation Measurement and Dosimetry - (14:45-15:25)

- Presenters: SILARI, Marco

Running Jobs Locally with Condor - (16:00-16:45)

- Presenters: Dr. SEVERINI, Horst

Introduction to High Throughput Workflows - (16:45-18:30)

- Presenters: QUICK, Robert

Friday 22 August 2014

Accel. Physics & Applications: Accel. Physics & Applications - (09:00-17:30)

Running Workflows Locally with Condor - (09:00-10:30)

- Presenters: GROSS, Kyle

Introduction to Grid Computing & Overlays - (11:00-12:30)

- Presenters: QUICK, Robert

Running Jobs Remotely with Condor-G & Glide Ins - (14:00-14:45)

- Presenters: GROSS, Kyle

Turning Scientific Computing Needs into HTC Jobs - (14:45-15:30)

- Presenters: Prof. SKUBIC, Patrick

Other Grid Odds and Ends I & II - (16:00-17:30)

- Presenters: QUICK, Robert

Saturday 23 August 2014

Departure - (06:00-17:00)