

Eilam Gross – A Short Curriculum Vitae

Feb-2017

A. Personal details

Eilam Gross

Department of Particle and Astrophysics
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Place of birth: Israel

Citizenship: Israeli

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Languages

Hebrew - Fluent Reading, Writing and Speaking

English - Fluent Reading, Writing and Speaking

B. Education

July 1991: Ph.D. in Physics, the Feinberg Graduate School, Weizmann Institute of Science. Thesis in experimental High Energy Physics (advisors Prof. G. Mikenberg and Prof. E. Duchovni): Search for the Standard Model Higgs Boson using the OPAL detector at LEP (thesis submitted Dec. 1990).

September 1986: M.Sc. in Physics with honors, the Feinberg Graduate School, Weizmann Institute of Science. Thesis in theoretical physics (advisor Prof. N. Seiberg): Consistent Closed Strings.

September 1984: B.Sc. in Physics with special honors, the Hebrew University in Jerusalem

C. Appointments

January 2013-December 2013: Scientific Associate, CERN, Geneva

July 2012: Full Professor of Physics, the Weizmann Institute of Science

November 1998: Associate Professor of Physics, the Weizmann Institute of Science

August 1993-November 1998: Senior researcher, Weizmann Institute of Science, Rehovot

January 1991- July 1993: Scientific Associate, CERN, Geneva

D. Academic Roles

November 2015: CERN, Switzerland, Member of the International Organizing Committee, Data Science 2015

October 2014 – October 2016 : CERN, Switzerland, , ATLAS convener of ATLA-CMS Higgs combination (LHCHCG)

August 2011 – October 2014: CERN, Switzerland, Convener of ATLAS Higgs group
(**at the time of the Higgs Boson discovery**).

May 2013: Aspen Center for Physics, USA, Chair of the organizing committee of the ACP winter 2013 conference on Higgs Physics.

October 2012: Uppsala, Member of the international advisory committee of Charged 2012 (Prospects for Charged Higgs Discovery at Colliders), Sweden, 8-11 October 2012

Sept 2010 - September 2012: Member of the Executive Board, XENON

E. International Recognition

2013 - Present : Active member of ERC review committees (European Research Committee).

December 2012: The Tenth Oscar Van Leer Medal, Jerusalem.

December 2008: Segre Award, the Weizmann Institute of Science

Review tasks

Reviewer for ERC Grants, BSF Grants, EPJC, PLB and other Research Funding Agencies (national and international)

Recent Colloquiums and Seminars

1. September 2016: ICFO: The Barcelona Institute of Science and Technology, Colloquium on the Higgs Discovery
2. March 2016: LENS, European Laboratory for Non-Linear Spectroscopy, Florence, Fermi Colloquia on "The Discovery of the Higgs"
3. November 2015 Albert Einstein Center, Universitat Bern, Hands on Higgs Properties from ATLAS and CMS combination
4. September 2015, Lund University, Sweden, A seminar on Higgs properties with the ATLAS and CMS combination.
5. March 2013, Princeton University
- Seminar on Higgs Properties April 2012, Physik Institut Universitaet Zuerich , Higgs Searches at the LHC
6. April 2012, Racah Institute of Physics, Colloquium, Hebrew University, Jerusalem, Towards Higgs Discovery
7. July 2012 – A seminar on Higgs Statistics in Columbia University, NY.
8. January 2012, Freiburg University, Physikalisches Institut, a seminar on Higgs search status.
9. December 2011 , Bonn University, Physikalisches Institut, colloquium on Higgs Searches
10. November 2011, Physik Institut Universitaet Zuerich , Higgs Searches at the LHC

Recent Conferences Schools and Invited Talks

1. February 2016, University of Witwatersrand, Johannesburg , High Energy Particle Physics Workshop 2016 , Lectures on Statistics in High Energy Physics
2. January 2016, RAS, (Royal Astrophysical Society), London, Lectures on Frequentist Statistics
3. September 2015, Taller de Altas Energías 2015, Benasque Spain, Invited Lectures on Higgs Properties and Higgs Statistics.
4. September 2015, The European School of High-Energy Physics Bansko, Bulgaria, Invited Lectures on Practical Statistics for Particle Physics.
5. September 2015: Higgs days at Santander 2015: an invited lecture on ATLAS-CMS Higgs Combination
6. September 2014 – Uppsala, Sweden. The Summary talk of Charged 2014 –Prospects for charged Higgs discovery at colliders

7. July 2014 – John Hopkins University Workshop, Heidelberg, an invited review talk about the SM Higgs Boson
8. April 2014 – Moriond EW 2014, La Thuile, Italy, an invited talk on LHC Higgs Couplings
9. December 2013 – Fysisk Institutt Oslo – An invited talk in celebration of the 2013 Nobel Prize in Physics to Higgs and Englert
10. April 2013 - Universidad San Francisco de Quito - CONFERENCIA "DESCUBRIMIENTO DEL BOSÓN DE HIGGS", a keynote lecture
11. January 2013 – Higgs Center for Theoretical Physics, University of Edinburgh, An invited talk on the Higgs Discovery in the Higgs Symposium
12. July 2012 - SLAC Summer Institute – Invited Lecturer on “Statistics for Discovery”.