

CURRICULUM VITAE

Name : MÁXIMO HILARIO POMA TORRES
Place and date of birth : Huancayo, Junín, Perú
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Upper Level Studies

1969 - 1974 Bachelor of science degree studies in physics at the Universidad Nacional Mayor de San Marcos (UNMSM)..

Graduate School Studies

1980-1981: Master of Science studies with a major in nuclear energy at the Universidad Nacional de Ingeniería (UNI) and, Instituto Peruano de Energía Nuclear.(IPEN).

1981-1989: Master of science studies with a major in solid state physics at UNMSM.

Degrees and Titles

1. Academic bachelor degree in physics, UNMSM, approved by Rectoral Resolution (R. R.) N°. 49577 dated December 01 1976.
2. Professional License as Physicist, UNMSM, approved by R. R N°. 60452 dated March 27 1980.
3. Academic degree of Master in Physics, major in Solid State Physics, uNMSM approved by R. R. N°. 114732 dated December 8 1993.

Publications

1. 1976: Determinación de austenita retenida por difracción de R-X, Lima-Perú.
2. 1980: Determinación de la distribución del flujo neutrónico en el Reactor de Potencia Cero (RP0) por activación de hojuelas. Lima-Perú.
3. 1981: Monography: Criterios de conversión del núcleo de reactores de investigación tipo MTR. Lima-Perú.
4. 1994: Estudio Comparativo de la Estructura Electrónica con Pseudopotenciales y "Local Muffin Tin Orbitals" Aplicado al Grupo de los Elementos Alcalinos.

5. 2007:Textbook on General Physics (Sólidos, fluidos, oscilaciones, ondas, sonido, temperatura y termodinámica). Para Ciencias e Ingeniería. Hecho el Depósito Legal en la Biblioteca Nacional N° 2007 – 06355. ISBN: 978-9972-33-486-3
6. 2016:Textbook on “Problemas de Física General-Mecánica”, for students majoring in Science and Engineering. Legal Deposit made at the National Library of Peru,N° 2016-07853.
7. In preparation:
Introduction to Physics (pre university level)
Óptics
Electricity and Magnetism.
Mathematical Methods of Physics
Electromagnetism.

Papers Presented in Conferences

1. 1977 Determinación de austenita retenida por difracción de rayos X y espectroscopia Mossbauer en aleaciones Fe-C de uso industrial. Ponencia presentada en el “V Simposio Latinoamericano de Física del Estado Sólido”. Lima-Perú.
2. 1981 “Flujo Neutrónico en el Reactor de Potencia Cero”. Ponencia presentada en el IV Simposio Peruano de Física. Ayacucho-Perú.
3. “Estudio comparativo de los metales alcalinos con pseudopotenciales”. Presentado en el X SIMPOSIO PERUANO DE FISICA, realizado en la ciudad de Lambayeque, del 06 al 11 de diciembre de 1993.
4. Leader of the Peruvian Olympic Team at the 36th International Physics Olympiad (IPhO 36), held on July 3 until 12 2005 at Salamanca - Spain.
5. Participation in the Public Audience on “The Contribution of Scientific Careers to the Development of Peru” held at the “Raúl Porras Barrenechea”, auditorium of Peruvian National Congress on October 29 2010.

Administration positions at the Universidad Nacional Mayor de San Marcos:

1. Academic Secretary of the Faculty of Physical Sciences at the UNMSM for the term: February 1985 until April 30 de1989.
2. Director of the Academic Professional School at San Marcos; August 1991 until 30/09/1994
3. Director of the Graduate School Dept. of the Faculty of Physical Sciences: September 08 1994 until august 1996, approved by, R. R. N°. 4019-R-94 of September 15 1994.

4. Director of the Academic Department of Physics from January 01 1997 until August 31 1998.
5. Head of the Academic Department of Nuclear Atomic and Molecular Physics from 01/02/1998 until 31/03/1999.
6. Dean of the Faculty of Physical Sciences: June 2001 until May 2004.
7. Head of the Academic Department of Nuclear Atomic and Molecular Physics from 08/10/2004 until October 1999.
8. Director of the Graduate School Section at the Faculty of Physical Sciences September 2007 until May 2010.
9. Head of the Nuclear Physics and Radiations Laboratory at the Faculty of Physical Sciences from 2007 until.
10. Dean of the Faculty of Physical Sciences at UNMSM: June 2010 - May 2013.
11. Vice-Dean of the Peruvian College of Physicists: 2012 - 2014.
12. Dean of the Faculty of Physical Sciences at UNMSM: July 26 2016 – present.

Academic positions at Universidad Nacional Mayor de San Marcos

1. Full time Assistant Professor from 01/01/81 until 31/07/85.
2. Full time Associate Professor from 01/08/1985 until 31/08/1994.
3. Full time Professor from 01/09/1994 until present..

Membership in Academic Institutions

1. Sociedad Peruana de Física (Peruvian Society of Physics).
2. Colegio de Físicos del Perú (College of Physicists of Peru).

Teaching Experience

Professor responsible for the teaching of the following courses at UNMSM:

:

General Physics, Classical Mechanics, Mathematical Physics, Nuclear Physics, Medical Physics, Electromagnetism

Fields of Interest

Atomic physics, Optics, Electromagnetism, Mathematical methods in physics, Nuclear physics and radiations, Radiological protection, Atmospheric dispersion.