



UNIVERSITY OF THE PHILIPPINES
BAGUIO

Governor Pack Road, Baguio City 2600



College of Science

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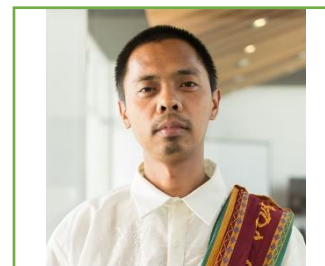
CURRICULUM VITAE

Alladin C. Jasmin

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Contact Number: +63 74 442-7231

Research Interest/Discipline: **Nanotechnology,
functional materials, memristor, machine
learning**



Educational Background

Duration: March 2013 - April 2016
Degree: PhD Materials Science and Technology
University: Politecnico di Torino
Dissertation or Thesis Title: "Oxide memristive devices"
Awards and Distinction Received:

Duration: June 2007 - April 2010
Degree: MS Physics
University: University of the Philippines Diliman
Dissertation or Thesis Title: "Synthesis and characterization of iron and copper oxide nanowires in a carbon-rich environment"
Awards and Distinction Received:

Duration: June 1998 - Nov 2001
Degree: BS Physics-Mathematics
University: University of the Philippines Baguio
Dissertation or Thesis Title:
Awards and Distinctions Received:



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Work Experience

Duration:	June 2004 - Present
Position/Designation:	Faculty
Employer:	University of the Philippines Baguio
Duration:	June 2002 – May 2004
Position/Designation:	Gurong Pahinungod
Employer:	University of the Philippines Ugnayan ng Pahinungod

Other Designations/Committees while Affiliated with UP Baguio

Duration	Designation/ Committee
August 2018 – July 2020	Department of Physical Sciences Chairperson

List of Publications (Books, Journals, Proceedings, etc.)

Articles

1. De Vero, J., Jasmin, A., Dasallas, L., Garcia, W., Sarmago, R. (2019). Synthesis of Iron Oxide Nanostructures via Carbothermal Reaction of Fe Microspheres Generated by Infrared Pulsed Laser Ablation. *Coatings* Volume 9.
2. Magleo, N.M., Jasmin, A. (2018) Gas sensing properties of ZnO NW-coated quartz crystal, *Proceedings of the IEEE International Conference on Sensors and Nanotechnology*, 1-4, 2019.
3. Porro, S., Bejtka, K., Jasmin, A., Fontana, M, Milano, G., Chiolerio, A., Pirri, C.F., Ricciardi, C. (2018). A multi-level memristor based on atomic layer deposition of iron oxide. *Nanotechnology* Volume 29.
4. Porro, S., Risplendi, F., Cicero, G., Bejtka, K., Milano, G., Rivolo, P., Jasmin, A., Chiolerio, C., Pirri, C.F., Ricciardi, C. (2017). Multiple resistive switching in core-shell ZnO nanowires exhibiting tunable surface states. *Journal of Materials Chemistry C* Volume 5.
5. Porro, S., Jasmin, A., Bejtka, K., Conti, D., Perrone, D., Guastella, S., Pirri, C.F., Chiolerio, A., Ricciardi, C. (2016). Low-temperature atomic layer deposition of TiO₂ thin layers for the processing of memristive devices. *Journal of Vacuum Science & Technology A: Vacuum, Surfaces, and Films* Volume 34.



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Public Service

Date/s	Extension Service Details
21 April 2022	Title: SINSM 2022 Position: Lecturer Title of Talk: Virtual experiments, simulation and visualization in physics

Membership in a National/International Organizations

Date/s	Organization Details
March 2020- present	Associate Member, National Research Council of the Philippines