

CURRICULUM VITAE



NAME : OUMBE TEKAM

SURNAME: Gabin Thibaut

Born on 06 June 1990 **at** Yaounde

Cameroonian, single without children

PhD student in Physics

Laboratory of Modeling and Simulation in Engineering, Biomimetics and Prototypes

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ACADEMIC GRADUATION

- Novembre 2012 : Defending the **Master II in Physics, Option Mecatronics and Bio-engineering (topic : Captage de l'énergie environnementale à partir d'un transducteur électrodynamique)**. Grade : Very Good
- 2010 – 2011 : Master I in Physics at University of Yaounde I. Grade : Fairly Good
- 2007 – 2010 : Bachelor's Degree in Physics at University of Yaounde I. : Average
- 2006 – 2007 : Baccalaureat C (Mathematics and Physical sciences) at Government high school of Nkolbisson. : Fairly Good

GENERAL KNOWLEDGE ACQUIRED

- Functioning of biological systems (nervous system, auditory system, kidney...)
- Nonlinear dynamics of beams (Euler - Bernoulli) and bending plates.
- Energy harvesting from the rigid and flexible vibrating structures.
- Numerical methods for solving algebraic equations, partial differential equations and ordinary differential equations.

CONFERENCES, SEMINARS AND WORKSHOPS

- **December 2011 Yaounde – Cameroon** : Second International Conference of the Cameroon Physical Society on: '**Low cost high physics and appropriate solution to real life problems in developing countries**'.

SOFTWARE

- Publisher and spreadsheets: Word, Power Point, Latex, Linux.
- Programming Language: Fortan, Matlab, Maple, Mathematica.

OTHER STRENGTHS

- Good adaptability and teamwork.
- Availability and intellectual curiosity.
- Sense of responsibility and concern for a job well done.
- Good interpersonal skills.

MORAL CAUTION

- Pr WOAFO Paul, Head of the Laboratory of Modeling and Simulation in Engineering, Biomimetics and Prototypes (www.lamsebp.org) at University of Yaounde I (+ 237) 99 98 05 67/ pwoafo1@yahoo.fr.
- Dr NANA NBENDJO Blaise Romeo, Lecturer in the Department of Physics at the University of Yaounde I (+237) 99 15 45 05/ nananbendjo@yahoo.com.

LANGUAGES

French (native), English (Good).

CENTER OF INTEREST

Nonlinear physics, modeling of nonlinear systems, Energy harvesting from dynamics of rigid and flexible structures, Physics applied to local development problems.

HOBBIES

Basketball, Football, music.