

CURRICULUM VITAE

NAME : NWAGOUM TUWA

SURNAME: Peguy Roussel

Born on: 23 September 1989 at Mbouda

Marital status: Single without children

Nationality: Cameroonian

Professional status: PhD student in Physics

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ACADEMIC GRADUATION

- December 2012 : Defending the **Master II in Physics, Option Mechatronics and Bio-engineering (Influence d'une excitation extérieure périodique sur l'obtention des motifs et développement d'une interface homme-machine sous Matlab capable de produire ces motifs)**. Very Good
- 2010 – 2011: Master I in Physics at University of Yaoundé I. Grade: Fairly Good
- 2007 – 2010: Bachelor's Degree in Physics at University of Yaoundé I: Fairly Good
- 2006 – 2007: Baccalaureat C (Mathematics and Physical sciences) at Government Bilingual high school of Yaoundé. : Fairly Good

GENERAL KNOWLEDGE ACQUIRED

- Numerical methods for solving linear and non-linear algebraic equations, partial differential equations and ordinary differential equations.
- Non-Linear Science with applications to civil engineering
- Nonlinear dynamics of beams (Euler - Bernoulli) and bending plates.
- Energy harvesting from the rigid and flexible vibrating structures.

CONFERENCES, SEMINARS AND WORKSHOPS

- **December 2011 Yaoundé – 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 Yaoundé I (+ 237) 99 98 05 67/ pwoafo1@yahoo.fr .
- Dr NOUBISSIE Samuel, Lecturer in the Department of Civil Engineering at the University of Fotso Victor at Bandjoun (+237) 96 77 77 41/ snoubis@yahoo.fr .
- Dr NANA NBENDJO Blaise Romeo, Lecturer in the Department of Physics at the University of Yaoundé I (+237) 99 15 45 05/ nananbendjo@yahoo.com.

LANGUAGES

French (native), English (Good).

CENTER OF INTEREST

Non-linear physics, modeling of nonlinear systems, Vibration control from the Mechanical and Civil Structures, Energy harvesting from dynamics of rigid and flexible structures, Physics applied to local development problems.

HOBBIES

Video games, Football, music.