

# CURRICULUM VITAE

- **NGOUNE Jean, Ph.D, Associate Professor**, Inorganic Chemist and Executive secretariat of ''*Association Camerounaise de Cristallographie (ACaCr)*''

Date and place of birth: **the 06 May 1964** at Fongo-Tongo (Cameroon)

Nationality: **Cameroonian**; familial status: **Married**

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- **DIPLOMA / CERTIFICATES**

GCE-A Level « Mathematics and Biology »: 1986 ;

Bachelor of Sciences in Physics & Chemistry: 1990

Master in Inorganic Chemistry: 1991

D.E.A in Inorganic Chemistry: 1992

DI.P.E.S II in Chemistry: 1993

Doctorat 3<sup>ème</sup> cycle: 1996

Ph.D: 2009 in The University of Camerino (Italy)

- **PROFESSIONAL EVOLUTION**

1997-1999: Lecturer of Chemistry in partial time at the University of Dschang-Cameroon;

1999-2003: Assistant Lecturer at the University of Dschang- Cameroon

2003 - 2006: Lecturer at the University of Dschang- Cameroon;

2006 - 2009: PhD-Courses in the International School of Advanced Studies (Camerino- Italy);

2005 - 2009: Chief of Service in the Faculty of Sciences of the University of Dschang;

2009- 2017: Lecturer – Researcher

2012 - : **Associate Professor**

## • COMPETANCE AND ACTIVITY

Analytical chemistry , Mineral or Inorganic synthesis and Electrochemistry ;

## • PUBLICATIONS

22 (Twenty) publications in international scientific Journals.

30 (thirty) Posters et/ou scientific communications in national or international scientific congresses.

1)- Electrochemical studies and electronic spectroscopy examination of some cobaloximatic complexes based on 2,3-butanedione dioxime or dimethylglyoxime with identical or mixed ligands. E. NGAMENI, **J. NGOUNE**, A. NASSI, N.M. BELOMBE, R.ROUX. *Electrochim. Acta* **41**, 2571 (1996).

2)- Electrochemical and electronic spectroscopy behaviour of Trans-bis(ethanedialdioximato(1), N,N)diiodocobaltate(III), some cobloximatic  $[\text{Co}(\text{GH})_2\text{I}_2]^-$  in connection with the cations  $\text{H}^+$ ,  $\text{NH}_4^+$ ,  $\text{Et}_4\text{N}^+$ ,  $\text{Hqn}^+$  (Quinoleinium). E. NGAMENI, A. NASSI, **J. NGOUNE**, M.M. BELOMBE, R.ROUX. *Electrochim. Acta* **40**, 2533 (1995);

3)-Transition metal complexes of oxamide oxime; 1- Synthesis and X-ray crystal structure of tris(oxamide-oxime-N1N1')cobalt(III)triiodide  $[\text{Co}(\text{H}_2\text{oxao})_3]\text{I}_3$ . E. NGAMENI, A. NASSI, **J. NGOUNE**, M.M. BELOMBE, R.ROUX. *Z. Naturforsch.* **48b** (1993) pp1719-1722

4)- Adducts of silver(I) nitrite with triphenylphosphine and N,N'-bidentate aromatic bases, L, of the form  $\text{AgNO}_2:\text{PPh}_3:\text{L}$  (1:1:1). CLAUDIO PETTINARI, **JEAN NGOUNE**, BRIAN W. SKELTON, ALLAN H. WHITE. *Inorganic Chemistry Communications* **10** (2007) 329–331

5)- Synthesis and structural characterization of adducts of silver(I)diethyldithiocarbamate with P-donor ligands. CORRADO DI NICOLA, **JEAN NGOUNE**, EFFENDY, CLAUDIO PETTINARI, BRIAN W. SKELTON, ALLAN H. WHITE. *Inorganica Chimica Acta*. **360** (2007) 2935-2943

6)- Structural forms in complexes of 2,9-dimethyl-1,10-phenanthroline with simple salts of copper(I) and other univalent 'closed shell' species. SITI MUTROFIN, ERIC J. CHAN, PETER C. HEALY, ALESSANDRO MARINELLI, **JEAN NGOUNE**, CLAUDIO PETTINARI, RICCARDO PETTINARI, NEIL SOMERS, BRIAN W. SKELTON, ALLAN H. WHITE. *Inorganica Chimica Acta* **36**, *1* (2008) 2365–2374

7)- Silver(I) methanesulfonate complexes containing diphosphine ligands: spectroscopic and structural characterization. CLAUDIO PETTINARI, ALESSANDRO MARINELLI, **JEAN NGOUNE**, BRIAN W. SKELTON, Allan H. WHITE. *Inorganica Chimica Acta*. (2009);  
doi: [10.1016/j.ica.2009.02.036](https://doi.org/10.1016/j.ica.2009.02.036)

8)- Synthesis, characterization and crystal structure of a cobalt(II)-hexamethylenetetramine coordination polymer. PETER T. NDIFON , MOISE O. AGWARA , AWAWOU G. PABOUDAM, DIVINE M. YUFANYI , **JEAN NGOUNE** , AGUSTIN GALINDO, ELEUTERIO ALVAREZ, AMINOU MOHAMADOU. *Transition Met Chem.* **34**, (2009) 745–750  
doi: [10.1007/s11243-009-9257-1](https://doi.org/10.1007/s11243-009-9257-1)

9)-  $\{[\text{Na}1(\mu\text{-H}_2\text{O})\text{Na}2]_2[(\text{C}_2\text{O}_4)_2\text{Cr}(\mu\text{-OH})_2\text{Cr}(\text{C}_2\text{O}_4)_2]\cdot\text{H}_2\text{O}\}_n$ , a novel hydrated form,

MICHEL M. BELOMBE, JUSTIN NENWA, **JEAN NGOUNE**, ELEUTERIO ALVAREZ, AGUSTIN GALINDO. *Acta Cryst.* (2010) E66, m990–m991

10)- 4-(Dimethylamino)pyridinium trans-diaquabis[oxalato(2-)- $\kappa^2$ O<sup>1</sup>,O<sup>2</sup>]chromate(III). JUSTIN NENWA, MICHEL M. BELOMBE, **JEAN NGOUNE**, Boniface P. T. Fokwa *Acta Cryst.* (2010). E66, m1410

11)- Synthesis and Coordination Chemistry of Two N<sub>2</sub>-Donor Chelating Di(indazolyl)methane Ligands: Structural Characterization and Comparison of Their Metal Chelation Aptitudes. C. PETTINARI, ALESSANDRO MARINELLI, F. MARCHETTI, **JEAN NGOUNE**, AGUSTIN GALINDO, ELEUTERIO ALVAREZ, MARGARITA GOMEZ. *Inorg. Chem.*49, (2010), 10543–10556; [doi:10.1021/ic101577k](https://doi.org/10.1021/ic101577k)

12)- Composé modèle des métalloprotéines de zinc: synthèse et caractérisations du complexe bisformatobis(2-isopropylimidazole)zinc(II). **Jean NGOUNE**, Christelle N. TEKOUO DZESSE, Georges C. DONGMO et Pierre TANE. *Cameroon J. Exp. Biol. Vol.07* (2011); 16-21.

13)- Hydrogen-bonded pillars of alternating chiral complex cations and anions: 2. Synthesis, characterization and X-ray structure of isomorphous *catena*-{(H<sub>3</sub>O)[K(H<sub>2</sub>O)<sub>3</sub>]@[Ni(H<sub>2</sub>oxado)<sub>3</sub>]<sub>2</sub>[Cr(C<sub>2</sub>O<sub>4</sub>)<sub>3</sub>]<sub>2</sub>.3H<sub>2</sub>O} and *catena*-{(H<sub>3</sub>O)[Li(H<sub>2</sub>O)<sub>3</sub>]@[Ni(H<sub>2</sub>oxado)<sub>3</sub>]<sub>2</sub>[Cr(C<sub>2</sub>O<sub>4</sub>)<sub>3</sub>]<sub>2</sub>.3H<sub>2</sub>O} Y. A. MBIANGUÉ, J. NENWA, M. M. BÉLOMBÉ, **J. NGOUNE** & E. ÁLVAREZ. *ScienceJet* 26, (2012), 1-9.

14)- A Supramolecular copper(II) compound with double bridging water ligands: Synthesis, crystal structure, spectroscopy, thermal analysis and magnetism. **Jean NGOUNE**, Corrado DI NICOLA, Justin NENWA, Claudio PETTINARI, Eleutrio ALVAREZ & Siméon PONOU *Transition Met Chem.*38, (2013), 21-29; [doi: 10.1007/s11243-012-9656-6](https://doi.org/10.1007/s11243-012-9656-6)

15)- Group 11 complexes with the bidentate di(1*H*-indazol-1-yl)methane and di(2*H*-indazol-2-yl)methane) ligands. Pettinari C., Marchetti F., Orbisaglia S., Pettinari R., **Ngoune J.**, Gomez M., Santos C. and Alvarez E. (2015). *Crystal Engineering Communication* 15, 3892-3907

16)- Groups 9 and 10 complexes with the bidentate di(1*H*-indazol-1-yl)methane and di(2*H*-indazol-2-yl)methane ligands: Synthesis and structural characterization. Santos C., Gomez M., Alvarez E., **Ngoune J.**, Marchetti F., Pettinari R. and Pettinari C. (2016) *New Journal of Chemistry*, 40, 5695-5703.

17)- Synthesis, characterization and molecular structure of a Zinc(II) formate-2,2'-bipyridine mono-dimensional coordination polymer. Comparison with other 2,2'-bipyridine

coordination compounds. **Ngoune J.**, Anguile J. J., Nenwa J., Djimassingar G., Pettinari C., Alvarez E., and Pandolfo L. (2016). *Inorganica Chimica Acta* 453, 263-267

18)- Tanyi R. F., Djimassingar G., **Ngoune J.**, Nana O. N., Anguile J. J. & Nenwa J. Synthesis, structural characterization and DFT studies of silver(I) salt complex of Bis(4,5-dihydro-1*H*-benzo[g]indazole). (2017) *Crystal Structure Theory and Applications* 6, 11-24

19)- Tanyi R. F., **Ngoune J.**, Djimassingar G, Tayo A. D., Djoumbissie A., Matemb M. N. T. J., Anguile J. J., Nenwa. Synthesis, Structural Characterization and DFT Studies of Bis(4,5-dihydro-1*H*-benzo[g]indazole)silver(I) hexafluorophosphate. (2017), *Open Journal of Inorganic Chemistry* 7, 102-115

- **TRAININGS**

- October-November 2007: The University of Sevilla (Spain) “Initiation on the Schlenk Technique to the synthesis of air non stable coordination compounds”

- April-June 2008: The University of Sevilla (Spain) “Computational calculation”

September 2012: Introductory Chemical Crystallography School, the University of the Witwatersrand, Johannesburg (South Africa)

- February- March 2013: Advanced course in Crystallography The University of Dschang (Cameroon);

- **THESIS’ SUPERVISION**

35 (Thirty five) Thesis of Master’s have been supervised

06 (six) Thesis of Master’s currently supervised

08 (eight) Thesis of Ph.D are currently supervised.

- **JURY OF EXAMS**

- President of Jury of Level 1 Chemistry

- President of Jury of Level 2 Chemistry

- Member of Jury of exams of Chemistry Department:

- Level 1

- Level 2

- Level 4

- Level 5

- Member of Jury of Master II and DI.P.E.S II

- Member of Jury of Ph.D

- Member of CCIU

- **LANGUAGE**

French, English and Italian: written and spoken

Dschang, January the 29, 2018

Prof Jean Ngoune