

## CV

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### PERSONNAL DETAILS

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Name: A. Serge ELLO

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Date of birth: May 08, 1974 in Abidjan (Côte d'Ivoire)

Ivorian nationality

Married

Personal address: 21 BP 1168 Abidjan 21 (Côte d'Ivoire)

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### PROFESSIONAL EXPERIENCE

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**February 2012 - February 2013** Training postdoctoral period at Kent State University (USA): Synthesis and characterization of carbon material for capture of greenhouse gas Such CO<sub>2</sub>.  
*Fellowship from Islamic Bank of Development*

**February to June 2011:** Training postdoctoral period at the University of Liège (Belgium): synthesis and characterization of nanocomposit TiO<sub>2</sub>-Carbon material for photocatalysis.  
*Fellowship from University Agency for francophonie*

**Since May, 2006:** Assistant Professor, at the University of Félix Houphouët-Boigny

**2002-2005:** Ph.D. at the University of Poitiers (France), in the “Laboratory of Catalysis in Organic Chemistry” (UMR6503) *fellowship from Ivorian government*

Thesis in: **Preparation of bimetallic catalysts Pt-Ge/Al<sub>2</sub>O<sub>3</sub> by organometallic grafting route for an application in reforming**

**2001-2002:** Research Master Degree at the University of Poitiers (France), in the Laboratory of Catalysis in Organic Chemistry. *Ivorian government fellowship*

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## EDUCATION

**2005:** Ph.D. in Chemistry: organic, mineral and industrial chemistry at the University of Poitiers (France)

**2002:** Research Master Degree in applied chemistry option: Catalysis, Energy and removing pollutant at the University of Poitiers (France)

**2000:** Professional Master Degree in Environment and waters quality at the University of Abobo-adjamé (Côte d'Ivoire)

**1998:** Master Degree in chemistry at the University of Cocody (Côte d'Ivoire)

**1997:** Bachelor's Degree in chemistry, at the University of Cocody (Côte d'Ivoire)

**1995-1996:** Two year University Diploma in physical and chemistry, at the University of Cocody (Côte d'Ivoire)

**1993:** A Level specialized in Sciences (Côte d'Ivoire)

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## AREAS OF RESEARCH

► Catalysis, photocatalysis, fine chemistry, and environment

► Adsorption materials, surface chemistry,

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## PUBLICATIONS

### Publications:

**1 Characterization and Catalytic Study of PtGe/Al<sub>2</sub>O<sub>3</sub> Catalysts prepared by Organometallic Grafting, *Journal of Catalysis* (2006) 238, 67-68.**

Attila Wootsch, Zoltán Paál, Nóra Györffy., Serge Ello, Irina Boghian, Julie Leverd and Laurence Pirault-Roy

**2 n-Hexane Transformation over Bimetallic Catalysts PtGe/Al<sub>2</sub>O<sub>3</sub> obtained by Organometallic Grafting, J. Soc. Ouest-Afr. Chim. (2008) 026; 21-27**

Aimé Serge Ello, Laurence Pirault-Roy, Attila Wootsch, Zoltán Paál and Albert Trokourey

**3 Adsorption of Acetic and Benzoic Acids from Aqueous Solutions on Activated Carbon, J. Soc. Ouest-Afr. Chim. (2008) 026; 53-54**

Marc Irié Gouli Bi, Aboua Jacques Yapo, Aimé Serge Ello, Donourou Diabaté, Albert Trokourey

**4 Ethylcyclopentane ring opening reaction over PtGe/Al<sub>2</sub>O<sub>3</sub> catalysts prepared by controlled surface reaction. Phys. Chem. News 47 (2009) 103-109**

Serge Ello, L. Pirault-Roy, A. Wootsch, Z. Paál

#### **Communication:**

Scientific Day of the Regional French Chemical Society : Pt-Ge, a new system for catalytic reforming. A Serge Ello, Audrey Poillion, Laurence Pirault-Roy, Attila Wotsch.

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### **SKILLS**

#### **■ Analysis and characterization**

Fourier transform infrared spectroscopy - FTIR, Fluorescence spectroscopy, electronic microscopy (TEM), thermal analysis (ATG), gas chromatography, BET analysis, Mercury porosimetry, X-ray diffraction.

#### **■ Language**

French is my mother tongue, English: conversational English, Fluent English

#### **■ Knowledge of software**

Word, Excel, Power point, Origin, Chemdraw, carine