



Dschang 06-10 Oct.



This PCCr1 conference aims at bringing together African crystallographers, mineralogists, solid state and structural scientists to increase the awareness for crystallography and improve the educational opportunities for African researchers and students of all levels. The variety of activities will provide opportunities to engage with (i) the scientific community, from expert crystallographers to young researchers and students of all ages, (ii) government representatives and policy-makers from most African countries.

Scientific program

Chairman: Prof. C. LECOMTE, Chair of the IUCr Africa initiative commission

Claude.lecomte@univ-lorraine.fr

Plenary Lecture: Prof G DESIRAJU Past IUCr President Bangalore India

Microsymposia :

- Inorganic Materials and Mining Industry
- Inorganic Materials and Industry Minerals
- Crystallography data bases
- Crystallography for life sciences
- Large Facilities for emerging countries
- Crystal engineering and structural chemistry: function through design



Chairman: Prof Anaclet Fomethé, University of Dschang

Cochairs: Prof Ignas TONLE and Prof Jean NGOUNE

Exhibitions booths will be available for companies and individuals.

Website: <http://pccr1-2016.univ-dschang.org>

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ICSU

International Council for Science
REGIONAL OFFICE FOR AFRICA



United Nations
Educational, Scientific and
Cultural Organization

Natural
Sciences
Sector



Welcome to Dschang

The Cameroon Crystallography Association and University of Dschang invite you to participate to the **First Pan African Conference in Crystallography**. As an interdisciplinary science, crystallography should play a decisive role for sustainable development in Africa. In fact, Crystallography underpins most of the technological and medical developments in modern society. In 2011, the International Union of Crystallography designed an ambitious program for sub-Saharan African countries. Known as the crystallography in Africa Initiative IUCr, the program not only trains teaching staff and PhD students in crystallography but also provides participating universities with diffractometers. The first faculty staff to be trained comes from the University of Dschang in Cameroon in order to prepare them for the arrival of a powder diffractometer (2013). In the same year, the Cameroon Crystallographic Association (CCrA) was founded. In August 2014 in Montreal (Canada), Cameroon was admitted as first sub-Sahara African UICr member during the 23rd general assembly of UICr. For the development of Crystallography in Africa, schools and open laboratories have already been organized in Algeria, Ghana, Ivory-Cost, Kenya, Morocco, Democratic Republic of Congo, Tunisia, Senegal, South Africa and soon in Benin, Burkina, Gabon, Madagascar and Nigeria.



In October 2014, the Bloemfontein IYCr summit meeting produced the *Pan African and South African Summit Declaration* (<http://www.iycr2014.org/summits>) for development of Crystallography in Africa. ICSU, UNESCO and IUCr decided to sponsor these activities and proposed to organize the first Pan African Conference in Crystallography in Dschang. The city is located in the West region of Cameroon and could be reached by plane or bus from Yaoundé or Douala. Dschang as the whole region contains many valleys through which fine rivers flow are interrupted by waterfalls. It offers up a rise of round-topped mountains and a unique temperate climate in Africa with average annual temperature of 20 °C. The beauty of the area is completed by the richness of its craftsmanship: clay pipes, earthenware utensils, figurines, copper masks, stools decorated with beads and the *Bamileke dancers* in their picturesque costumes.



Cameroon also known as "*Afrique en miniature*" is introduced by the "Musée des Civilisations du Cameroun" just located at 100 m from the University of Dschang where the conference will be held.