



Contribution ID: 77

Type: Oral Presentations

## Presentation of the Diffractometers Center of Abidjan

*Wednesday, 30 January 2019 11:20 (25 minutes)*

First and foremost, I would like to express my infinite gratitude to IUCr, UNESCO and BRUKER for equipping the Abidjan center with a single-crystal diffractometer and a powder diffractometer. These thanks also go to Professor Claude LECOMTE for his great involvement in obtaining this material. It should be recalled that the inauguration of this center took place on March 22 and 23, 2018 followed by a week-long "Openlab" on the theory and practice of determination of single-crystal structure and powder.

Crystal engineering finds its substance in the determination of structures resulting from different modes of synthesis. The knowledge of these structures allows an explanation of their physico-chemical properties. The determination of the structures of these compounds is therefore a very important step for a significant advance in crystal engineering. This is why we are going to present the equipment of the Abidjan diffractometer center which can offer a real contribution to the measurement and the determination of the structures resulting from the crystal engineering. The presentation of this center will revolve around the equipment and structures determined since the installation of these diffractometers.

**Primary author:** Dr TENON, Abodou Jules (University Félix Houphouët-Boigny)

**Presenter:** Dr TENON, Abodou Jules (University Félix Houphouët-Boigny)

**Session Classification:** PCCR2

**Track Classification:** PCCR2