



**4th CENTRAL AFRICAN SCHOOL ON ELECTRONIC
STRUCTURE METHODS AND APPLICATIONS (CASESMA)**

APRIL 10 - 14 , 2023 BRAZZAVILLE, CONGO

The University of Duisburg-Essen in collaboration with the physics department of the Marien Ngouabi University and the Association Investing in People ASBL is organizing the "4th Central African School on Electronic Structure Methods and Applications (CASESMA)" to be held from April 10 to 14, 2023 in Brazzaville, Republic of Congo.

OBJECTIVES

Computer simulations methods are used to address challenging problems in physics, chemistry and material science and in many cases are complementary to experiment. In developing countries like Republic of Congo they are a valuable alternative to the costly and unaffordable experimental equipments. The scientific program will focus on the introduction to Molecular Dynamics Simulations of soft and condensed matter: systems set-up, equilibration, ensemble definition, trajectory visualization and analysis of bulk, surface and interfacial materials of potential use in energy research and catalysis.

PARTICIPATION

The School is intended for early career scientists and advanced PhD students from central Africa. The classes will be conducted in English. Participants should have an adequate working knowledge of that language. There is no registration fee and limited support for travel and accommodation is available for foreign participants. Female candidates are strongly encouraged to apply.

DIRECTORS

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APPLICATIONS

CV + motivation letter
to be sent by email

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DEADLINE

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