

THIODJIO SENDJA Bridinette Spouse

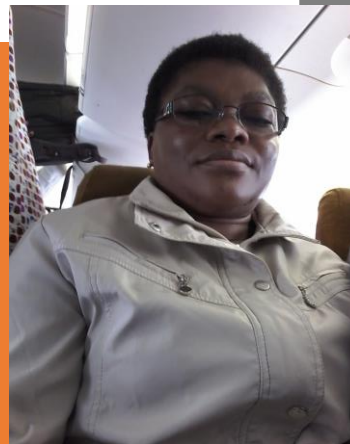
FANDIO

FONCTION : ENSEIGNANT/CHERCHEUR

MAITRE DE CONFERENCES EN PHYSIQUE

Département :

MATHEMATIQUES ET DES SCIENCES PHYSIQUES



Pr. Bridinette Thiodjio Sendja is since 2020 an Associate Professor in Physics at the National Advanced School of Engineering of Yaounde (NASEY) in Cameroon. She has been promoted in 2021 as the head of the teaching staff and academic affairs service of the NASEY.

She was graduated for a Ph.D degree in 2011 in the field of Nuclear and Atomic Physics at the Physics' Department of the University of Yaounde I. She got a position as a lecturer in 2012. She was promoted in 2013 as a senior lecturer. She is involving in teaching, research, and supervision of the postgraduate students. She teaches subjects like electromagnetism, practical works in physics, electronics, etc. She is also involving in various national and international missions for the benefit of the NASEY.

She is a member of African Network for Solar Energy (ANSOLE), Organization for Women in Science for Developing World (OWSD) and the society of Crystallography. She is also a Cameroon team leader and a focal point for the international union for pure and applied physics (IUPAP).

Her research works are focused on the characterization of various materials using different X-ray and microscopy techniques. The material like

semiconductors, soils, biological systems, carbon nanotubes, etc. and synthesized materials are investigated by means of X-ray absorption spectroscopy, X-ray diffraction, X-ray photoemission and electronic microscopy techniques and complementary techniques. She focuses on the local structure, thermal expansion, electronic and optical properties and anharmonicity of such materials.

She is the author of various scientific publications. She won numerous prestigious awards, grants and fellowships and has participated to various seminars and conferences in which she often made presentations. She is also involving in various international scientific collaborations.



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