



Dr. Sc in 1992 from catholic University of Louvain in Belgium, Mahouton Norbert Hounkonnou is a full Professor of Mathematics and Physics at the University of Abomey-Calavi, Republic of Benin. His works deal with noncommutative and nonlinear mathematics including differential equations, operator theory, coherent states, quantization techniques, orthogonal polynomials, special functions, graph theory, nonassociative algebras, nonlinear systems, noncommutative field theories and geometric methods in Physics. He authored and reviewed books. Further, he refereed and served as an associate editor for renowned journals in mathematics, mathematical physics and theoretical physics. He published over 200 main research papers in outstanding ISI-ranked peer reviewed journals and international conference proceedings in the fields of mathematics, mathematical physics and theoretical physics.

He is a visiting professor at African, Asian, European and North American Universities.

Together with his peers at the international level, he founded the International Chair in Mathematical Physics and Applications (ICMPA - UNESCO Chair) of the University of Abomey-Calavi where he created multi-university master degree and PhD programmes in mathematics with connections, motivations or applications to physics, and in physics with important relations to mathematics. The best African students from over 13 French and English speaking countries are selected to follow these graduate programs which attract prominent and leading mathematicians and mathematical physicists worldwide who come to give lectures and supervise students research, what has substantially increased international collaboration with African, Asian, American, European and Indian scientists and mathematicians. The ICMPA-UNESCO Chair presently hosts the international conference series and school on Contemporary Problems in Mathematical Physics, which are held every two years and each year since 1999 and 2005, respectively. These activities have led to a significant network of researchers connected with the ICMPA-UNESCO Chair, that benefits from the resources available in mathematics and mathematical physics in Africa.

Professor Hounkonnou supervised more than 33 PhD and 31 M. Sc. students from various countries including Belgium, Benin, Burkina-Faso, Burundi, Cameroun, Democratic Republic of Congo, Niger, Nigeria, Senegal, Togo, Zambia, etc.

Professor Hounkonnou was awarded the Tokyo University of Science President Award in 2015, and the 2016 World Academy of Sciences C. N. R. Rao Prize for Scientific Research, "for his incisive work on noncommutative and nonlinear mathematics and his contributions to world-class mathematics education".

He is member of the InterAcademy Partnership working group on *Harnessing Science, Engineering and Medicine to Address Africa's Challenges*, and the co-chair of the third conference of African European Mediterranean Academies for Science Education (AEMASE III).

He is the current President of the Benin National Academy of Sciences, Arts and Letters. His membership extends to the International Association of Mathematical Physics, American Mathematical Society, African Academy of Sciences (AAS), Scientific Council of Centre International de Mathématiques Pures et Appliquées (CIMPA), The World Academy of Sciences (TWAS), as well as other scientific organizations.