

Public Talk

Prof. Marc Henneaux

U Libre de Bruxelles

Gravitation and Quantum Mechanics: the biggest crisis in modern physics?

Friday, March 15, 2019

at 18:00 h

Austrian Academy of Sciences, Theatersaal, Sonnenfelsgasse 19,
1010 Vienna

Abstract: Marc Henneaux is a Belgian theoretical physicist, professor at the Université Libre de Bruxelles, at the College de France and Director of the International Solvay Institutes for Physics and Chemistry. His numerous prizes include the 2014 Bogoliubov Prize "for outstanding achievements in theoretical and mathematical physics, promoting international cooperation, and educating young scientists" and two ERC Advanced Grants. His memberships include the Royal Academy of Belgium and in 2015 he was named "Baron" by King Philippe of Belgium. Marc Henneaux's research is devoted to the theory of fundamental physical interactions, especially their symmetries and quantum properties. In his most iconic work (with John David Brown) he proved in 1986 an important precursor of the holographic principle, whose consequences the physics community is still unravelling in numerous current research projects.

Actuary (Young Academy) Austrian Academy of Sciences

March 7, 2019