



Carlos Bertulani

Jocelyn Bell Burnell
(discoverer of pulsars)

Carlos A. Bertulani

Ph.D. Physics – University of Bonn, Germany, 1987 (*summa cum laude*)

Professor – Texas A&M University-Commerce

Selected Papers/Books

- *Nuclear Physics in a Nutshell*, Princeton Press, 2007. ISBN13: 978-0-691-12505-3
- *Introduction to Nuclear Reactions*, C.A. Bertulani and P. Danielewicz, IOP, 2004. ISBN: 0750309326.
- *Nuclear astrophysics with radioactive beams*, C.A. Bertulani and A. Gade, Physics Reports 485, 195 (2010).
- *The structure and reactions of neutron-rich nuclei*, C.A. Bertulani, L.F. Canto and M.S. Hussein, Physics Reports 226, 281 (1993).
- *Electromagnetic processes in relativistic heavy ion collisions*, C.A. Bertulani and G. Baur, Phys. Reports, 163, 299 (1988).

Dr. Bertulani's research interest is in nuclear physics and nuclear astrophysics, and he has a long career dedicated to science education and pedagogy. After his PhD he has held permanent and visiting faculty positions (one year, or more) in several institutions worldwide, including the Technical University Darmstadt, Brookhaven National Laboratory, Michigan State University, University of Wisconsin, University of Arizona and University of Tennessee. He was a professor at the Federal University of Rio de Janeiro, Brazil until 2000 and is now a professor at the Texas A&M University-Commerce, USA. From 2008-2012, at Texas A&M-Commerce, Dr. Bertulani has hired and worked with 6 postdoctoral fellows, advised 5 MS students and 6 undergraduate students in research activities.

Dr. Bertulani has published 5 textbooks, edited 6 books, and published over 220 papers, more than 180 of them in peer reviewed journals. He has held administrative positions such as chair of a PhD program with 70 students, has advised numerous graduate students and has taught more than 55 semester courses in physics. He is currently a member-at-large of the Executive Committee of the Texas Section of the APS.

Dr. Bertulani has been very active in promoting scientific relations between the USA and Brazil. While in Brazil, for several years, Dr. Bertulani has been awarded funding from NSF to foster collaborative research between the Michigan State University and the University of Wisconsin. He got support for analogous programs with the Gesellschaft fuer Schwerionenforschung, Germany.

Dr. Bertulani has chaired numerous meetings in Brazil, including 2 International Summer Schools, 2 International Meetings on the Physics of Radioactive Beams and on Collective Excitations, and one PanAmerican Advanced Physics Institute (funded by the NSF). He has also chaired meetings at the ICTP, Trento, Italy, in Kyoto, Japan, at the GSI/Darmstadt, Germany, and at other institutions. He serves in several advisory committees for international conferences. Recently, he has organized the 2011 Fall Texas section meeting of the APS, with over 350 registered participants.

He is a Guggenheim and APS Fellow. He is also a member of the APS Committee on Education.