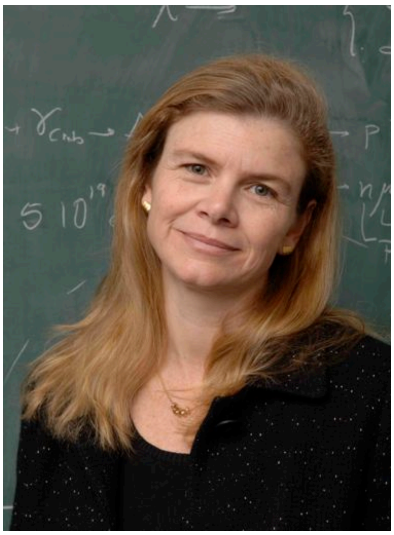

Biographical Sketch: **Angela V. Olinto**

Angela V. Olinto is Professor in the Department of Astronomy and Astrophysics and the Enrico Fermi Institute, and member of the Kavli Institute for Cosmological Physics, at the University of Chicago. Her research interests are in astroparticle physics and cosmology.

Olinto received her B.S. in Physics from the Pontificia Universidade Catolica, Rio de Janeiro, Brazil, and her Ph.D. in Physics from the Massachusetts Institute of Technology (1987) for work on the physics of quark stars. At Fermilab, she worked on inflationary theory and cosmic magnetic fields. At the University of Chicago, she extended her work on cosmic magnetic fields and investigated the nature of the dark matter in the universe. More recently she focused on understanding the origin of the highest energy cosmic particles, cosmic rays, gamma-rays and neutrinos. She is a member of the international collaboration of the Pierre Auger Observatory and the EUSO space mission, both designed to discover the origin of the highest energy cosmic rays.

Olinto was Chair of the Department of Astronomy and Astrophysics at the University of Chicago from 2003 to 2006. She is a Fellow of the American Physical Society, was chair of their Nominating Committee, and was elected vice-chair of the APS Division of Astrophysics in 2011. She was a trustee of the Aspen Center for Physics, and serves on many advisory committees for the National Academy of Sciences, Department of Energy, National Science Foundation, and NASA. In 2006, she received the Chaire d'Excellence Award of the French Agence Nationale de Recherche and in 2011 she received the Llewellyn John and Harriet Manchester Quantrell Award for Excellence in Undergraduate Teaching of The University of Chicago.

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A. EDUCATION

Pontifical Catholic University, Rio de Janeiro, Brazil Physics B.S. 1981
Massachusetts Institute of Technology, USA Physics Ph.D. 1987

B. PROFESSIONAL APPOINTMENTS

University of Chicago	Professor	2006-present
Universite de Paris 7-APC	Visiting Professor	2007
University of Chicago	Department Chair	2003-2006
University of Chicago	Associate Professor	2002-2006
University of Chicago	Assistant Professor	1996-2002
University of Chicago	Senior Lecturer	1993-1996
University of Chicago	Senior Research Associate	1990-1996
Fermi National Accelerator Lab	Postdoc Th. Astrophysics	1987-1990

C. RECENT PUBLICATIONS

1. Newly-born pulsars as sources of ultrahigh energy cosmic rays, Ke Fang, Kumiko Kotera, Angela V. Olinto, to be published in Ap. J, (2012), arXiv:1201.5197.
2. The Astrophysics of Ultrahigh Energy Cosmic Rays, K. Kotera and A. V. Olinto, *Annual Review of Astronomy and Astrophysics* **49**, 119 (2011) (arXiv:1009.1855)
3. A search for ultra-high energy neutrinos in highly inclined events at the Pierre Auger Observatory, P. Abreu et al. (Pierre Auger Collaboration), *Phys. Rev. D* 84, 122005 (2011); Erratum: *Phys. Rev. D* 85, 029902(E) (2012) (arXiv:1202.1493)
4. Cosmogenic Neutrinos: parameter space and detectabilty from PeV to ZeV, K. Kotera, D. Allard, A.V. Olinto, *JCAP* 1010:013 (2010) (arXiv:1009.1382)
5. Update on the correlation of the highest energy cosmic rays with nearby extragalactic matter, Abreu et al. (Pierre Auger Collaboration), *Astroparticle Physics* **34**, 314 (2010)
6. Measurement of the Depth of Maximum of Extensive Air Showers above 10^{18} eV, J. Abraham et al. (Pierre Auger Collaboration), *Phys. Rev. Lett.* 104:091101 (2010) (arXiv:1002.0699)
7. Measurement of the energy spectrum of cosmic rays above 10^{18} eV using the Pierre Auger Observatory, J. Abraham et al. (Pierre Auger Collaboration), *Phys. Lett. B* **685**: 239 (2010) (arXiv:1002.1975)
8. The 2pt+: an enhanced 2 point correlation function, M. Ave, et al., *JCAP* 0907 (2009) 23 (astro-ph/0905.2192)
9. Limit on the diffuse flux of ultra-high energy tau neutrinos with the surface detector of the Pierre Auger Observatory, J. Abraham et al. (Pierre Auger Collaboration), *Phys. Rev. D* **79**:102001 (2009) (arXiv:0903.3385)
10. Implications of the cosmic ray spectrum for the mass composition at the highest energies, D. Allard, N.G Busca, G. Decerprit, A. V. Olinto, E. Parizot, *JCAP* 0810 (2008) 033 (astro-ph/0805.4779)