Science and Technology _____



Research





For outstanding leadership in research culminating in the publication of a seminal paper in the Proceedings of the National Academy of Sciences on the response of forest tree roots to elevated atmospheric CO2



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ORNL Physics Division; University of Tennessee; Max-Planck-Institute fur Astrophysik, Germany; Arhus Universitet, Denmark; Canadian Institute for Theoretical Astrophysics; Institut d'Estudis Espacials de Catalunya, Spain; University of Chicago; Universitat Basel, Switzerland

For discovering the importance of electron capture on heavy nuclei during supernovae explosions and for innovative theoretical work drawing both from their advanced supernovae modeling and their novel models of nuclear structure

