

1. Record Nr.	UNINA9910703236003321
Titolo	Efforts to transfer America's leading edge science to China [[electronic resource]] : hearing before the Subcommittee on Oversight and Investigations of the Committee on Foreign Affairs, House of Representatives, One Hundred Twelfth Congress, first session, November 2, 2011
Pubbl/distr/stampa	Washington : , : U.S. G.P.O., , 2011
Descrizione fisica	1 online resource (iii, 100 pages) : illustrations
Soggetti	Technology transfer - United States Technology transfer - China Astronautics - Technology transfer - United States Astronautics - Technology transfer - China Science - International cooperation Technology - International cooperation Human rights - China United States Foreign relations Law and legislation United States Foreign relations China China Foreign relations United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed on Dec. 27, 2011). Paper version available for sale by the Supt. of Docs., U.S. G.P.O. "Serial no. 112-74."
Nota di bibliografia	Includes bibliographical references.

2. Record Nr.	UNINA9910784818003321
Titolo	Neutrino physics [[electronic resource]] : proceedings of Nobel Symposium 129 : Haga Slott, Enkoping, Sweden, August 19-24, 2004 / editors, L. Bergstrom ... [et al.]
Pubbl/distr/stampa	New Jersey, : World Scientific, c2005
ISBN	981-277-390-8
Descrizione fisica	1 online resource (192 p.)
Collana	Physica scripta ; ; v. T121
Altri autori (Persone)	BergstromL (Lars)
Disciplina	539.7/215
Soggetti	Neutrinos Neutrino interactions Solar neutrinos
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Recognised by the European Physical Society."
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Contents ; John N. Bahcall (1934-2005) ; Preface ; List of Participants ; Committees ; Nobel Symposium on Neutrino Physics-Program ; The History of Neutrino Oscillations ; 1. Introduction ; 2. B. Pontecorvo ; 3. Z. Maki M . Nakagawa and S. Sakata 4. B. Pontecorvo and collaborators 5. Conclusion ; References ; Super-Kamiokande Results on Neutrino Oscillations ; 1. Super-Kamiokande ; 2. Atmospheric neutrinos ; 3. Solar neutrinos ; 4. Super-Kamiokande II and III ; 5. Future of Super-Kamiokande ; References Sudbury Neutrino Observatory Results 1. Introduction ; 2. Resolving the solar neutrino ""Problem"" ; 3. The Sudbury Neutrino Observatory ; 4. SNO measurements to date ; 5. Future SNO and SNOLAB measurements ; References ; Results from KamLAND Reactor Neutrino Detection 1. Introduction 2. KamLAND detector ; 3. Detector performance ; 4. Reactor anti-neutrino detection ; 5. Data analysis ; 6.

Neutrino oscillation analysis ; 7. Conclusions
; References ; New Opportunities for Surprise
; 1. Five clues and ideas ; 2. Why accelerator beams?
3. One example surprise: what if LSND is correct?
4. An example explanation: sterile neutrinos
; 5. Pursuing these questions: MiniBooNE and beyond
; 6. Conclusions ; References ; Solar Models and
Solar Neutrinos ; 1. Introduction ;
2. Solar model fluxes
3. Recent developments regarding the solar surface composition

Sommario/riassunto

Nobel Symposium 129 on Neutrino Physics was held at Haga Slott in Enköping, Sweden during August 19-24, 2004. Invited to the symposium were around 40 globally leading researchers in the field of neutrino physics, both experimental and theoretical. The dominant theme of the lectures was neutrino oscillations, which after several years were recently verified by results from the Super-Kamiokande detector in Kamioka, Japan and the SNO detector in Sudbury, Canada. Discussion focused especially on effects of neutrino oscillations derived from the presence of matter and the fact that three differen
