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Titolo	Exploring fundamental issues in nuclear physics [[electronic resource] ] : nuclear clusters : superheavy, superneutronic, superstrange, of anti-matter : proceedings of the Advances in Nuclear Physics in Our Time, Goa, India, 28 November-2 December 2010 / / editor, Debades Bandyopadhyay
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Descrizione fisica	1 online resource (325 p.)
Altri autori (Persone)	BandyopadhyayDebades
Disciplina	539.7
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Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	CONTENTS; Preface; Photos of the Symposium; Competition between Fusion-Fission and Quasifission in the Reactions with Heavy Ions M. G. Itkis et al.; 1. Introduction; 2. CN-Fission and QF in the Reactions Leading to the Hs Composite Systems; 3. Reactions with an <sup>238</sup> U Target; 4. Conclusions; Acknowledgments; References; Experiments on Superheavy Elements at the GSI SHIP S. Hofmann; 1. Introduction and Status of Experiments; 2. Continuation of SHE Experiments using <sup>248</sup> Cm Targets; 3. Conclusion and Outlook; References New Vistas of the Structure of Neutron-Rich Nuclei - Single Particle States and g-factors. A. V. Ramayya et al. 1. Introduction; 2. Experimental Method; 3. Single Particle States and g-Factors; 4. Octupole Correlations in <sup>143,145</sup> B and <sup>148</sup> Ce; 5. Even Parity Bands of <sup>108,110,112</sup> Ru; Acknowledgments; References; Superheavies: Theoretical Incitements and Predictions V. I. Zagrebaev, A. V. Karpov, I.

N. Mishustin and W. Greiner; 1. Motivation; 2. Nucleosynthesis by Neutron Capture; 3. Summary; References

Soft X-Ray Reflection and Strong and Weak Field Limit Determination in Narrow-Line Seyfert 1 Galaxies Th. Boller1. Introduction; 2. The RGS NLS1 Sample; 3. The Spectral Model; 4. 1H 0707-495; 4.1. RGS relativistic reflection model spectral fitting; 4.2. Comparison with EPIC pn spectral fitting results; 4.3. Additional soft X-ray line emission; 4.4. Model component properties and fitting results; 5. Ark 564; 5.1. RGS relativistic reflection model fitting; 6. Remaining Objects; 7. Summary; Acknowledgments; References

A 100% Renewable Power System for Europe - Let the Weather and Physics Decide! M. Greiner1. Introduction; 2. Seasonal Optimal Mix; 3. Seasonal Storage Needs; 4. Outlook; References; Happy Island L. McLerran; 1. Quarkyonic Matter; 2. Chiral Symmetry Breaking and the Emergence of Happy Island; 3. Experimental Hints for Happy Island; 4. Summary; Acknowledgments; References; Signatures of the Strongly Interacting QGP in Relativistic Heavy-Ion Collisions E. L Bratkovskaya, et al.; 1. Introduction; 2. Hadronization in PHSD; 3. Application to Nucleus-Nucleus Collisions; 4. Summary; References

Microscopic Origin of the Shear Relaxation Time in Causal Dissipative Fluid Dynamics G. S. Denicol, H. Niemi, J. Noronha and D. H. Rischke1. Introduction; 2. Definitions and Power-Counting Scheme; 3. Gradient Expansion; 4. Computing the Relaxation Time from the Poles of  $G_R$ ; 5. The Role of the Analytical Structure of  $G_R$  (!); 6. Application: The Linearized Boltzmann Equation; 7. Conclusion; References; Production of Heavy and Superheavy Nuclei in Explosive Processes I. N. Mishustin; Preface; 1. Introduction; 2. Statistical Description of Supernova Matter 3. Nuclear Composition of Supernova Matter

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## Sommario/riassunto

This book focus on recent advances in nuclear physics and bring together experimentalists and theorists. Topics covered include neutron rich and superheavy nuclei, supernova and r-process nuclei, nuclear symmetry energy and equation of state, neutron stars, FAIR and future Dubna research, other related areas.

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2. Record Nr.	UNINA9910783887803321
Autore	Challis Maggie <1952->
Titolo	Introducing APEL // Maggie Challis
Pubbl/distr/stampa	London ; ; New York : , : Routledge, , 1993
ISBN	1-134-87258-5 1-280-32681-6 9780203305086 0-203-30508-6 0-203-13668-3
Descrizione fisica	1 online resource (xiii, 157 pages) : illustrations
Collana	Further education
Disciplina	378.1/68/0941
Soggetti	College-level examinations - Great Britain School credits - Great Britain - Outside work Experiential learning - Great Britain Technical institutes - Great Britain - Entrance requirements Occupational training - Great Britain
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references (p. [150]-15) and index.
Nota di contenuto	Introducing APEL; Copyright; Contents; List of figures and tables; Foreword to Introducing APEL; Foreword to the series; Abbreviations; Chapter 1 The Accreditation of Prior Experiential Learning: a historical context; What is APEL?; Where can APEL be used?; What APEL is not; Why is APEL attractive to learners?; Why now?; APEL as part of the agenda for adult learners; Chapter 2 How does APEL work?; Introduction; Initial guidance; Recognizing and identifying skills; Relating skills to criteria; Gathering evidence; Assessment; Accreditation; Certification; Progression Chapter 3 How can we make APEL happen?; Where to start?; Why are we considering introducing APEL?; In how much of our provision do we want to use APEL?; Who are the learners we wish to attract through APEL?; What groundwork needs to be done before we start?; Which staff do we need to involve within the institution?; With whom do we need to work outside the college?; How do we resource the service?; Monitoring

and evaluation; Chapter 4 Conclusion; A pro forma checklist for action; Appendix 1 The creation and structure of National Vocational Qualifications; Appendix 2 Open College Networks; Appendix 3 National standards for assessment and verification References and further reading; Index

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## Sommario/riassunto

The fact that learning accumulates and exists outside an education or training environment cannot be disputed. Yet traditionally, it is only institutional, certificated learning that carries any status. Accreditation of Prior Experiential Learning systems seek to give positive credit for all learning, by placing it within a recognized accreditation framework. In the light of recent legislation, APEL systems offer the key towards more flexible and open delivery systems for further education. Maggie Challis offers a detailed, practical introduction to the skills and processes of implementing an A

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