1. Record Nr. UNINA9910789631703321

Autore	Schlingemann Reinier
Titolo	Alles wat kruipt, groeit en bloeit [[electronic resource]] : rede uitgesproken bij de aanvaarding van het ambt van hoogleraar Oculaire Angiogenese aan de Universiteit van Amsterdam op donderdag 12 november 2009 / / door Reinier Schlingemann
Pubbl/distr/stampa	Amsterdam, : Vossiuspers UvA, 2010
ISBN	1-283-05026-9 9786613050267 90-485-1270-0
Descrizione fisica	1 online resource (26 p.)
Collana	Oratiereeks ; ; 356
Disciplina	612.13
Soggetti	Ophthalmology - Study and teaching
Lingua di pubblicazione	Olandese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Alles wat kruipt, groeit en bloeit; Inleiding; Het belang van oculaire angiogenese; Historie van het onderzoek naar angiogenese; Medische retina; De bloed-retina barriere; Leeftijdsgebonden maculadegeneratie, het leven begint bij 40; Fibrose-/bindweefselvorming als gevolg van oculaire angiogenese; Onderzoek van de Ocular Angiogenesis Group AMC; Waarom zijn vernieuwende therapieen vaak wel succesvol in de oogheelkunde?; Het onderwijs in oogheelkunde tijdens de studiegeneeskunde aan de UvA; Alles wat kruipt, groeit en bloeit
Sommario/riassunto	Oud worden willen we allemaal, en ook zien we onze familieleden graag een hoge leeftijd bereiken. Maar ouderdom komt met gebreken, en slechter zien is daar een van. Reinier Schlingemann gaat in zijn oratie in op slechtziendheid. Van de nu levende mensen brengt mogelijk een op de vijf zijn of haar laatste dagen slechtziend door. Vaak komt deze ouderdomsblindheid door vaatgroei of vaatlekkage in het oog, door suikerziekte of leeftijdsgebonden maculadegeneratie. Schlingemann bekijkt of het vakgebied oculaire angiogenese dit onheil kan voorkomen. En of de farmaceutische industrie een antwoord heef

2. Record Nr. UNINA9910777499703321

Titolo	Modelling and simulation in science [[electronic resource]] : 6th International Workshop on Data Analysis in Astronomy, Erice, Italy, 15-22 April 2007 / / edited by Vito Di Gesu, Giosue Lo Bosco, Maria Concetta Maccarone
Pubbl/distr/stampa	New Jersey, : World Scientific, c2007
ISBN	1-281-93805-X 9786611938055 981-277-945-0
Descrizione fisica	1 online resource (352 p.)
Collana	Science and culture series. Astrophysics
Altri autori (Persone)	Di GesuV Lo BoscoGiosue MaccaroneMaria Concetta ScarsiL
Disciplina	003.3
Soggetti	Astronomy - Computer simulation Astronomy - Data processing
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 and index.
Nota di contenuto	CONTENTS; Workshop photographs; Organizing Committees; Preface; Memory of Livio Scarsi; Part A - Astrophysics, Cosmology and Earth Physics; Simulations for UHE Cosmic Ray Experiments J. Knapp; 1. Cosmic Rays and Air Showers; 2. The Pierre Auger Observatory; 3. Simulations versus Models; 4. Air Shower Simulations and the CORSIKA Program; 5. Some Selected Details; 6. Outlook; Acknowledgement; References; Detector Modeling in Astroparticle Physics S. Petrera; 1. Introduction; 2. MACRO as a detector; 2.1. Atmospheric neutrinos and their oscillation; 2.2. Physics and detector simulation 1. Introduction2. Comparison of Models; 3. Conclusions; References; Observations, Simulations, and Modeling of Space Plasma Waves: A Perspective on Space Weather V. S. Sonwalkar; 1. Introduction; 2. Atmosphere-Ionosphere-Magnetosphere System and its Solar Drivers; 3. Plasma Waves; 3.1. Observations of plasma waves; 3.2. Generation and propagation of plasma waves; 3.3. Modeling and simulations of

plasma waves; 3.4. Contribution of plasma waves to space weather: wave-particle interactions; 3.5. Monitoring space weather using plasma waves; 4. Concluding Remarks; Acknowledgments; References
Electron Flux Maps of Solar Flares: A Regularization Approach to Rhessi Imaging Spectroscopy A. M. Massone, M. Piana, M. Prato, A. G. Emslie, G. J. Hurford, E. P. Kontar, R. A. Scwartz1. Introduction; 2. Visibilities; 3. Electron Flux Spectrum Images; 4. Application to RHESSI Data; 5. Conclusions; References; Problems and Solutions in Climate Modeling A. Sutera; 1. Introduction; 2. The Equations of Motion; 3. Parameter Settings and Numerical Solutions; 4. An Heuristic Model; 5. Conclusions; Acknowledgments; References
Numerical Simulations and Diagnostics in Astrophysics: A few Magnetohydrodynamics Examples G. Peres, R. Bonito, S. Orlando, F. Reale1. Introduction; 2. Supernovae Remnants; 3. Protostellar Jets; 4. Conclusions; 5. Acknowledgements; References; Numerical Simulations of Multi-Scale Astrophysical Problems: The example of Type Ia Supernovae F. K. Ropke; 1. Introduction; 2. Astrophysical Model; 3. Challenges; 4. Governing Equations; 5. Modeling Approaches; 6. Numerical Methods; 7. Three-dimensional Type Ia Supernova Simulations; References
Numerical Simulations in Astropysics: From the Stellar Jets to the White Dwarfs F. Rubini, L. Delzanna, J. A. Biello, J. W. Truran

Sommario/riassunto

This proceedings volume contains results presented at the Sixth International Workshop on Data Analysis in Astronomy - "Modeling and Simulation in Science" held on April 15-22, 2007, at the Ettore Majorana Foundation and Center for Scientific Culture, Erice, Italy. Recent progress and new trends in the field of simulation and modeling in three branches of science - astrophysics, biology, and climatology - are described in papers presented by outstanding scientists. The impact of new technologies on the design of novel data analysis systems and the interrelation among different fields are fore