

DARK MATTER AND DARK ENERGY

JCAP

[Gravitino dark matter in brane-world cosmology](#)

[Dark matter caustics and the enhancement of self-annihilation flux](#)

[The galactic positron flux and dark matter substructures](#)

[Gamma-ray burst neutrinos, Lorentz invariance violation and the influence of background cosmology](#)

PLB

[Non-flat universe and interacting dark energy model](#)

[Early and late transient cosmic acceleration due to curvature inspired dark energy](#)

[Accelerating cosmologies tested by distance measures](#)

[Constraints on the reheating temperature in gravitino dark matter scenarios](#)

NIM A

[Bolometric calibration of a superfluid \$^3\text{He}\$ detector for Dark Matter search: Direct measurement of the scintillated energy fraction for neutron, electron and muon events](#)

[A two-phase argon avalanche detector operated in a single electron counting mode](#)

PRD

[Emanations of dark matter: Muon anomalous magnetic moment, radiative neutrino mass, and novel leptogenesis at the TeV scale](#)

[Neutrino parameters from matter effects in the \$\nu_e\$ survival probability at long baselines](#)

[Very strong and slowly varying magnetic field as source of axions](#)

[Evaluating dark energy probes using multidimensional dark energy parameters](#)

[Direct reconstruction of the dark energy scalar-field potential](#)

[Stable models of superacceleration](#)

[Cosmological neutrino mass limit and the dynamics of dark energy](#)

[Isocurvature bounds on axions revisited](#)

arXiv

[Does the Second Caustic Ring of Dark Matter Cause the Monoceros Ring of Stars ?](#)

[A Generic Test of Modified Gravity Models which Emulate Dark Matter](#)



[Probing dark energy with cluster counts and cosmic shear power spectra: including the full covariance](#)

[Is Modified Gravity Required by Observations? An Empirical Consistency Test of Dark Energy Models](#)

[Dark energy constraints from cosmic shear power spectra: impact of intrinsic alignments on photometric redshift requirements](#)

[Kinetic k-essence and Quintessence](#)

[Dark matter and the first stars: a new phase of stellar evolution](#)

[Energy conditions and current acceleration of the universe](#)

[Current constraints on interacting holographic dark energy](#)

[Matter density perturbations and effective gravitational constant in modified gravity models of dark energy](#)

[Galaxy clustering constraints on deviations from Newtonian gravity at cosmological scales II: Perturbative and numerical analyses of power spectrum and bispectrum](#)

[A New Approach to Quintessence and Solution of Multiple Attractors](#)

[Separation of the visible and dark matter in the Einstein ring LBG J213512.73-010143](#)

[The tension of cosmological magnetic fields as a contribution to dark energy](#)

[Can we ever distinguish between quintessence and a cosmological constant?](#)

[Neutrino Dark Energy -- Revisiting the Stability Issue](#)

[The shapes, orientation, and alignment of Galactic dark matter subhalos](#)

[R & D for Future Zeplin](#)

[Discovery of a Ringlike Dark Matter Structure in the Core of the Galaxy Cluster CI 0024+17](#)

[Ultraluminous Infrared Galaxies at \$1.5 < z < 3\$ occupy dark matter haloes of mass \$\sim 6 \times 10^{13}\$ solar masses](#)

[Decaying warm dark matter and neutrino masses](#)

[\$\Lambda\$ CDM cosmology: how much suppression of credible evidence, and does the model really lead its competitors, using all evidence?](#)

[WIMP identification through a combined measurement of axial and scalar couplings](#)

[Satellite survival in cold dark matter cosmology](#)

[Stellar configurations in \$f\(R\)\$ theories of gravity](#)



[An improved cosmological bound on the thermal axion mass](#)

[Determination of \$\Omega_{\Lambda}\$ and \$H_0\$ from photometric data of radio galaxies](#)

[Vortex in axion condensate as a dark matter halo](#)

[Do consistent \$f\(R\)\$ models mimic General Relativity plus \$\Lambda\$?](#)

[Direct Dark Matter Searches](#)

[Unsuccessful cosmology with Modified Gravity Models](#)

[Evidence Of Dark Matter Annihilations In The WMAP Haze](#)

[Cold Dark Clouds: The Initial Conditions for Star Formation](#)

[Resource Letter: Dark Energy and the Accelerating Universe](#)

[Statefinder diagnosis for the interacting model of holographic dark energy](#)

[Can dark matter be a Bose-Einstein condensate?](#)

[Towards Closing the Window on Strongly Interacting Dark Matter: Far-Reaching Constraints from Earth's Heat Flow](#)

[Exploring holographic dark energy model with Sandage-Leob test](#)

[The Future of the Local Large Scale Structure: the roles of Dark Matter and Dark Energy](#)

[Galaxy merging in MOND](#)

[Measuring the dark matter velocity anisotropy in galaxy clusters](#)

[Gravitino Dark Matter from Inflaton Decay](#)

[Axion Searches in the Past, at Present, and in the Near Future](#)

[On Einstein clusters as galactic dark matter halos](#)

[Dark Energy: A Unifying View](#)

[Dark Matter in Gauge Mediation from Emergent Supersymmetry](#)

[Galactic dark matter as a bulk effect on the brane](#)

[Dark Energy and Gravity](#)

[The Cosmology of Modified Gauss-Bonnet Gravity](#)

[An Experiment to Search for Light Dark Matter in Low-Energy \$e p\$ Scattering](#)



[The Dark Side of a Patchwork Universe](#)

[The mass and the coupling of the Dark Particle](#)

[On Einstein clusters as galactic dark matter halos](#)

[Acceleration of the Universe driven by the Casimir force](#)

[Field-theoretical formulations of MOND-like gravity](#)

[Effect of Dynamical Cosmological Constant in presence of Modified Chaplygin Gas for Accelerating Universe](#)

[Quantum-theoretical description of the cosmological constant as the zero-point energy](#)

[Dark energy, cosmological constant and neutrino mixing](#)

[Quark mass uncertainties revive KSVZ axion dark matter](#)

[Relic abundance of dark matter in universal extra dimension models with right-handed neutrinos](#)

[Leptogenesis, Dark Matter and Higgs Phenomenology at TeV](#)

[Dark Matter in Gauge Mediation from Emergent Supersymmetry](#)

[Time evolution of \$T_{\nu\nu}\$ and the cosmological constant problem](#)

[Mass Limits on Neutralino Dark Matter](#)

[The Stueckelberg Extension and Milli Weak and Milli Charge Dark Matter](#)

[Can the Baryon Number Density and the Cosmological Constant be interrelated?](#)

[Dirac Neutrinos, Dark Energy and Baryon Asymmetry](#)

[Natural Dark Matter in SUSY GUTs with Non-universal Gaugino Masses](#)

[Dark matter and Higgs boson physics](#)

[Non Thermal Neutralino Production in Deflected Anomaly Mediation](#)

[How does Casimir energy fall? II. Gravitational acceleration of quantum vacuum energy](#)

[Holographic tachyon model of dark energy](#)

[Fine Structure of Dark Energy and New Physics](#)

[The Dark Matter Puzzle And Other Issues](#)

[Dynamical 3-Space: Supernova and the Hubble Expansion - Older Universe and End of Dark Energy](#)

[Negative Matter, Repulsion Force and Dark Matter](#)

[A universal minimum velocity in the space-time and its implications for the cosmological constant](#)

[Primordial Neutrinos, Cosmological Perturbations in Interacting Dark-Energy Model: CMB and LSS](#)

[Probing for Dynamics of Dark-Energy in Mass Varying Neutrinos: Cosmic Microwave Background Radiation and Large Scale Structure](#)

COSMIC RAYS

PRD

[Nonuniversal spectra of ultrahigh energy cosmic ray primaries and secondaries in a structured universe](#)

arXiv

[High-energy Cosmic Rays and Neutrinos from Semi-relativistic Hypernovae](#)

[Cosmic rays from trans-relativistic supernovae](#)

[Air Shower Measurements in Karlsruhe](#)

[Deflection of High-Energy Cosmic Radiation Ions using a Bent Crystal Shield](#)

[Studies of Cosmic Rays with GeV Gamma Rays](#)

[A model for the time uncertainty measurements in the Auger surface detector array](#)

[Numerical propagation of high energy cosmic rays in the Galaxy I: technical issues](#)

[The Answer is Blowing in the Wind](#)

[Analysis of the Arrival Directions of Ultrahigh Energy Cosmic Rays](#)

[Observations of Microwave Continuum Emission from Air Shower Plasmas](#)

[Searching for galactic cosmic ray pevatrons with multi-TeV gamma rays and neutrinos](#)

[Numerical Propagation of Cosmic Rays in the Galaxy](#)

[Cosmic ray confinement in fossil cluster bubbles](#)

[Self-Similar Evolution of Cosmic-Ray-Modified Quasi-Parallel Plane Shocks](#)

[Impact of Cosmic Rays on Population III Star Formation](#)

[Kinetic approaches to particle acceleration at cosmic ray modified shocks](#)



[A Study on anisotropy of cosmic ray distribution with a small array of water-cherenkov detectors
Evidence for nonlinear diffusive shock acceleration of cosmic-rays in the 2006 outburst of the recurrent
nova RS Ophiuchi](#)

[The inefficiency of the first-order Fermi process in UHECR production at relativistic shocks](#)

[Magnetic turbulence production by streaming cosmic rays upstream of SNR shocks](#)

[Cosmic rays and the primordial gas](#)

[Ultra-high Energy Predictions of proton-air Cross Sections from Accelerator Data](#)

[Long-lived Staus from Cosmic Rays](#)

X and GAMMA RAYS

NIM A

[SuperAGILE onboard electronics and ground test instrumentation](#)

PRL

[Transparency of the Sun to Gamma Rays due to Axionlike Particles](#)

arXiv

[XMM-Newton observations of the first unidentified TeV gamma-ray source TeV J2032+4130](#)

[Note on XMM-Newton observations of the first unidentified TeV gamma-ray source TeV J2032+4130 by
Horns et al. astro-ph/0705.0009](#)

[Discovery of the Putative Pulsar and Wind Nebula Associated with the TeV Gamma-ray Source HESS
J1813-178](#)

[A new Determination of the Extragalactic Background of Diffuse Gamma Rays taking into account Dark
Matter Annihilation](#)

[Principal Component Analysis of Gamma-Ray Bursts' Spectra](#)

[On the Incidence of C IV Absorbers Along the Sightlines to Gamma-Ray Bursts](#)

[Blazar Duty-Cycle at gamma-ray Frequencies: Constraints from Extragalactic Background Radiation and
Prospects for AGILE and GLAST](#)

[Intervening Metal Systems in GRB and QSO sight-lines: The MgII and CIV Question](#)

[TeV Gamma-Ray Sources from a Survey of the Galactic Plane with Milagro](#)

[Light Curve Calculations of Supernovae from Fallback Gamma-Ray Bursts](#)

[A Closer Look at a Gamma-Ray Burst](#)



[Jet-breaks in the X-ray Light-Curves of Swift GRB Afterglows](#)

[Simulation of prompt emission from GRBs with a photospheric component and its detectability by GLAST](#)

[Shallow decay phase of GRB X-ray afterglows from relativistic wind bubbles](#)

[Gamma Ray Bursts within the Quark-Nova scenario: Precursor, prompt and afterglow phases](#)

[Studies of EGRET sources with a novel image restoration technique](#)

[The redshift-dependence of gamma-ray absorption in the environments of strong-line AGN](#)

[Massive stars in colliding wind systems: the GLAST perspective](#)

[GLAST Prospects for Swift-Era Afterglows](#)

[Milagro Constraints on Very High Energy Emission from Short Duration Gamma-Ray Bursts](#)

[Discovery of two candidate pulsar wind nebulae in very-high-energy gamma rays](#)

[Extralong X-ray Plateau in GRB and Spinar Paradigm](#)

[On the nature of the short duration GRB 050906](#)

[Magnetar Driven Bubbles and the Origin of Collimated Outflows in Gamma-ray Bursts](#)
[GRI: The Gamma-Ray Imager mission](#)

[Hydrodynamic Collimation of Relativistic Outflows: Semianalytic Solutions and Application to Gamma-Ray Bursts](#)

[Gamma Rays from the Galactic Centre](#)

[X-ray emission from PSR J1809-1917 and its pulsar wind nebula, possibly associated with the TeV gamma-ray source HESS J1809-193](#)

[Equations of motion, initial and boundary conditions for GRB](#)

[GRB970228 as a prototype for short GRBs with afterglow](#)

[Theoretical interpretation of GRB 011121](#)

[Superluminal Radio Features in the M87 Jet and the Site of Flaring TeV Gamma-ray Emission](#)

[GRB 050315: A step toward the uniqueness of the overall GRB structure and the true nature of long GRBs](#)

[The role of GRB 031203 in clarifying the astrophysical GRB scenario](#)
[Observations of Galactic Gamma-Ray Sources with H.E.S.S.](#)

[Gamma-ray probe of cosmic-ray pressure in galaxy clusters and cosmological implications](#)



[Developing the Theory of Flux Limits from \$\gamma\$ -Ray Cascades](#)

[Prompt GeV-TeV Emission of Gamma-Ray Bursts Due to High-Energy Protons, Muons and Electron-Positron Pairs](#)

[Detection of VHE gamma-ray emission from the distant blazar 1ES 1101-232 with H.E.S.S. and broadband characterisation](#)

[Discovery of VHE Gamma Radiation from IC443 with the MAGIC Telescope](#)

[VHE Gamma-Ray Observation of the Crab Nebula and Pulsar with MAGIC](#)

[BL Lac Contribution to the Extragalactic Gamma-Ray Background](#)

[Deep radio images of the HEGRA and Whipple TeV sources in the Cygnus OB2 region](#)

[The SN 1987A Link to Gamma-Ray Bursts](#)

[Hadronic Gamma Rays from Supernova Remnants](#)

[Gamma-ray albedo of the moon](#)

[Statistical Evidence for Three classes of Gamma-ray Bursts](#)

[High energy afterglows and flares from Gamma-Ray Burst by Inverse Compton emission Properties of a Gamma Ray Burst Host Galaxy at \$z \sim 5\$](#)

[The Likely Cause of the EGRET GeV Anomaly and its Implications](#)

[Are Gamma-Ray Bursts Standard Candles?](#)

[Formation of Quark Phases in compact stars and their connection to Gamma-Ray-Bursts](#)

[Cosmological implications of Gamma Ray Bursts](#)

[Jets, Blazars and the EBL in the GLAST-EXIST Era](#)

[Photon Acceleration at Shock Breakout of Trans-Relativistic Supernova](#)

[ROXA: a new multi-frequency selected large sample of blazars with SDSS and 2dF optical spectroscopy](#)

NEUTRINOS AND PROTON DECAY

JCAP

[Is there a problem with low energy SN1987A neutrinos?](#)

PLB

[Proton decay, supersymmetry breaking and its mediation](#)

NIM A

[Design and characterization of a neutron calibration facility for the study of sub-keV nuclear recoils](#)

NPB

[Neutrino mass hierarchy and \$\theta_{13}\$ with a magic baseline beta-beam experiment](#)

[CP violation in neutrino mass matrix](#)

PRL

[Low-Energy Inelastic Neutrino Reactions on \$^4\text{He}\$](#)

PRD

[Low energy neutrino factory for large \$\theta_{13}\$](#)

[Phase effects in neutrino conversions during a supernova shock wave](#)

[Constraints on flavor-dependent long range forces from solar neutrinos and KamLAND](#)

[Five years of searches for point sources of astrophysical neutrinos with the AMANDA-II neutrino telescope](#)

arXiv

[The Search for Muon Neutrinos from Northern Hemisphere Gamma-Ray Bursts with AMANDA](#)

[Multi-year search for a diffuse flux of muon neutrinos with AMANDA-II](#)

[Neutrinos from Cosmic Ray Accelerators in the Cygnus Region of the Galaxy](#)

[Detection of Atmospheric Muon Neutrinos with the IceCube 9-String Detector](#)

[Probing Lorentz invariance violation in atmospheric neutrino oscillations with a neutrino telescope](#)

[Simulation of Cosmogenic Neutrino Spectra with the GZKFast Event Generator
Prospects for Constraining Neutrino Mass Using Planck and Lyman-Alpha Forest Data](#)

[Oscillation Effects and Time Variation of the Supernova Neutrino Signal](#)

[The first second of SN1987A neutrino emission](#)

[Numerical Study on Stellar Core Collapse and Neutrino Emission: Probe into the Spherically Symmetric Black Hole Progenitors with 3 - 30Msun Iron Cores](#)

[Event Reconstruction and Data Acquisition for the RICE Experiment at the South Pole](#)

[Self-induced spectral splits in supernova neutrino fluxes](#)

[Ultrahigh-energy neutrino flux as a probe of large extra-dimensions](#)

[LENS as a Probe of Sterile Neutrino Mediated Oscillations](#)

[Results from HARP and their implications for neutrino physics](#)

[The first result of the neutrino magnetic moment measurement in the GEMMA experiment](#)

[Detecting atmospheric neutrino oscillations in ATLAS](#)

[MINOS Results, Progress and Future Prospects](#)

[Right-Handed Neutrinos at LHC and the Mechanism of Neutrino Mass Generation](#)

[Sterile neutrino oscillations after first MiniBooNE results](#)

[Recoilless resonant neutrino experiment and origin of neutrino oscillations](#)

[Models of Neutrino Masses and Mixings: a Progress Report](#)

[Neutrino Masses in the Lee-Wick Standard Model](#)

[Testing neutrino masses in little Higgs models via discovery of doubly charged Higgs at LHC](#)

[On Possibilities of Studying of Supernova Neutrinos at BAKSAN](#)

[Ultrahigh-energy neutrino flux as a probe of large extra-dimensions](#)

[Testing the seesaw mechanism at collider energies in the Randall-Sundrum model](#)

[SNO+: predictions from standard solar models and spin flavour precession](#)

[Decay of polarized muon at rest as a source of polarized neutrino beam](#)

[Neutrino Masses and Lepton-flavor-violating \$\tau\$ Decays in the Supersymmetric Left-right Model](#)

[Report of the US long baseline neutrino experiment study](#)

[Predictive Model of Inverted Neutrino Mass Hierarchy and Resonant Leptogenesis](#)

[The golden ratio prediction for the solar neutrino mixing](#)

[Revisiting cosmological bounds on radiative neutrino lifetime](#)

[Pulse-Shape discrimination with the Counting Test Facility](#)

[Track reconstruction in the emulsion-lead target of the OPERA experiment using the ESS microscope](#)

GRAVITATIONAL WAVES

PRD

[Gravitational waves from galaxy encounters](#)

[Publisher's Note: Gravitational waves from galaxy encounters](#)

[Analytic spectrum of relic gravitational waves modified by neutrino free streaming and dark energy](#)

MPLA

[STOCHASTIC BACKGROUND OF GRAVITATIONAL WAVES "TUNED" BY \$f\(R\)\$ GRAVITY](#)

[TUNING THE STOCHASTIC BACKGROUND OF GRAVITATIONAL WAVES USING THE WMAP DATA](#)

arXiv

[Rates and Characteristics of Intermediate-Mass-Ratio Inspirals Detectable by Advanced LIGO](#)

[The Spectrum of Gravitational Radiation from Primordial Turbulence](#)

[Generic Gravitational Wave Signals from the Collapse of Rotating Stellar Cores: A Detailed Analysis](#)

[The LISA Gravitational Wave Foreground: A Study of Double White Dwarfs](#)

[Probing polarization states of primordial gravitational waves with CMB anisotropies](#)

[The Maximal Amount of Gravitational Waves in the Curvaton Scenario](#)

[Eccentric double white dwarfs as LISA sources in globular clusters](#)

[Gravitational Wave Constraints on DBI Inflation](#)

[Effective Search Templates for a Primordial Stochastic Gravitational Wave Background](#)

[Sensitivity of the spherical gravitational wave detector MiniGRAIL operating at 5 K](#)

[Results of the IGEC-2 search for gravitational wave bursts during 2005](#)

[Physical instrumental vetoes for gravitational-wave burst triggers](#)

[Searching for Gravitational Waves from Binary Inspirals with LIGO](#)

[Searching for Gravitational Radiation from Binary Black Hole MACHOs in the Galactic Halo](#)

[Stochastic approach of gravitational waves in presence of a decaying cosmological parameter from a 5D vacuum theory of gravity](#)

[Gravitational waveforms for finite mass binaries](#)

[Quantum Noise in Differential-type Gravitational-wave Interferometer and Signal Recycling](#)

[Relic gravitons as the observable for Loop Quantum Cosmology](#)

GENERAL

JCAP

[Scale dependence of the primordial spectrum from combining the three-year WMAP, galaxy clustering, supernovae, and Lyman-alpha forests](#)

NIM A

[Bulk micromegas detectors for large TPC applications](#)

arXiv

[Nontrivial Geometries: Bounds on the Curvature of the Universe](#)

[Comment on "Nontrivial Geometries: Bounds on the Curvature of the Universe"](#)

[Is there Evidence for a Hubble bubble? The Nature of SN Ia Colors and Dust in External Galaxies](#)

[Determination of SNe explosions frequency distribution function. Method and numerical simulations](#)

[SN Shock Evolution in the Circumstellar Medium surrounding SN 1987A](#)

[How to Find More Supernovae with Less Work: Object Classification Techniques for Difference Imaging](#)

[Precision measurements of large scale structure with future type Ia supernova surveys](#)

[Cosmological Constraints from Type Ia Supernovae Peculiar Velocity Measurements](#)

[The Unique Type Ib Supernova 2005bf at Nebular Phases: A Possible Birth Event of A Strongly Magnetized Neutron Star](#)

[The First Supernova Explosions: Energetics, Feedback, and Chemical Enrichment](#)

[SN 1996cr: Confirmation of a Luminous Type IIn Supernova in the Circinus Galaxy](#)

[Galactic Twins of the Nebula Around SN 1987A: Hints that LBVs may be supernova progenitors](#)

[High Resolution Spectroscopy of SN1987A's Rings: He I 10830 and H-alpha from the Hotspots](#)

[SN 2006bp: Probing the Shock Breakout of a Type II-P Supernova](#)

[Dust-Gas Interaction in SNR 1987A](#)

[Detailed Spectral Analysis of the Type Ib Supernova 1999dn. Paper I: Hydrogen-free Models](#)



[Superluminous supernovae: No threat from Eta Carinae](#)

[SN 2005hj: Evidence for Two Classes of Normal-Bright SNe Ia and Implications for Cosmology](#)

[A combined analysis of Lyman-alpha forest, 3D Weak Lensing and WMAP year three data](#)

[Primordial nucleosynthesis as a probe of fundamental physics parameters](#)

[Constraints on CPT violation from WMAP three year polarization data: a wavelet analysis](#)

[Is There a Universal Mass Function?](#)

[Searching for non Gaussian signals in the BOOMERanG 2003 CMB maps](#)

[The baryon density at \$z=0.9-1.9\$ - Tracing the warm-hot intergalactic medium with broad Lyman alpha absorption](#)

[Astrophysics in 2006](#)

[The Angular-Diameter Distance Maximum as an Independent Test of the Flat FLRW Standard Cosmology](#)

[SDSS J121811.0+465501.2: a new Low Surface Brightness Galaxy with low metallicity](#)

[Conference Summary: The Central Engine of Active Galactic Nuclei](#)

[Cyclic Universe and Infinite Past](#)

[Summary Talk: Challenges in Particle Astrophysics](#)

[The Abell Cluster A586 and the Equivalence Principle](#)

[Measuring the Baryon Acoustic Oscillation scale using the SDSS and 2dFGRS](#)

[Analyzing WMAP Observation by Quantum Gravity](#)

[Bayesian analysis of the low-resolution polarized 3-year WMAP sky maps](#)

[Circumventing Astrophysical Bounds Upon PVLAS Experiment](#)

[Detection of Gravitational Lensing in the Cosmic Microwave Background](#)

[A graceful multiversal link of particle physics to cosmology](#)

[Relativistic cosmology and large-scale structure](#)

[Observations of the first confirmed superoutburst of SDSS J080434.20+510349.2 in 2006 March](#)

[Unplugging the Universe: the neglected electromagnetic consequence of decoupling](#)



[Inflationary Cosmology](#)

[Creatable Universes](#)

[Obtaining the spacetime metric from cosmological observations](#)

[The second law of thermodynamics in the accelerating universe](#)

[Revelations of the \$E_6/U\(1\)_N\$ Model: Two-Loop Neutrino Mass and Dark Matter](#)

[Trans-Planckian signals from the breaking of local Lorentz invariance](#)

[Higgs Particle Mass in Cosmology](#)

[Une modélisation physico-mathématique de l'expansion de l'Univers](#)

[Is the universe really expanding](#)

[Large underground, liquid based detectors for astro-particle physics in Europe: scientific case and prospects](#)

[Towards a new concept of photomultiplier based on silicon technology](#)

[Study in a beam test of the resolution of a Micromegas TPC with standard readout pads](#)

[An approximation of the ideal scintillation detector line shape with generalized gamma distribution](#)

[Branching Transport Model of Alkali-Halide Scintillators](#)