

New physical sciences / mathematics positions at <http://jobs.phds.org>, Apr 06, 2009

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- *From:* PhDs.org <webmaster@xxxxxxxx>
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There are new job listings at <http://jobs.phds.org>

Title: Postdoctoral Fellow: TEM Analysis of Nanocomposites and/or of Welded Structures
Department: Mitlin Group
Employer: University of Alberta
Location: Edmonton, AB, Canada
Posted: Apr 04

A post-doctoral fellow position is available beginning in May 2009 in the area of transmission electron microscopy (TEM) analysis of phase transformations and defects in metallic nanocomposites. The PDF will work on projects involving the development...

Full details:

<http://jobs.phds.org/job/13348/university-of-alberta/postdoctoral-fellow-tem>

Title: Senior Software Engineer – Online Advertising
Employer: New York City Online Advertising Client
Location: New York, NY, United States
Posted: Apr 04

Pioneering online exchange advertising client in New York City seeks a Senior Software Engineer. Will help to design/develop key components of their industry leading platform. Great opportunity to join a fast-growing company who have developed...

Full details:

<http://jobs.phds.org/job/12479/new-york-city-online/senior-software-engineer>

Title: Senior Risk Modeler/ New York City
Employer: COMPREHENSIVE RECRUITING

Location: New York, NY, United States
Posted: Apr 03

Top tier investment bank seeks experienced candidate for risk group. On a daily basis, the candidate will participate in loss data collection, preparation and processing. Other responsibilities include working with risk and business management to...

Full details:

<http://jobs.phds.org/job/13343/comprehensive-recruiting/senior-risk-modeler-new>

Title: VALUATION REVIEW- COMMODITIES/ WALL STREET
Employer: Leading European Investment Bank
Location: New York, NY, United States
Posted: Apr 03

This person will serve as the senior person or COO in the group. Responsibilities include managing the independent valuation of physical and derivative products for commodity portfolios through the monthly Mark Review process to insure measurement at...

Full details:

<http://jobs.phds.org/job/13342/leading-european-investment/valuation-review-commodities>

Title: Experienced High Frequency Trader
Employer: Thesys Technologies
Location: New York, NY, United States
Posted: Apr 03

We are a hedge fund incubator and high frequency trading provider focused on launching new high frequency strategies, prop shops, and hedge funds. We are backed by a very successful hedge fund with a proven 5+ yr track record and strong business...

Full details:

<http://jobs.phds.org/job/13339/thesys-technologies/experienced-high-frequency>

Title: Chemist Postdoc Fellow
Employer: Lawrence Berkeley National Laboratory
Location: Berkeley, CA, United States
Posted: Apr 03

Be part of something great! The Advanced Energy Technologies Department has an opportunity for a Postdoc to design and execute

experiments using electrochemical methods and chemical synthesis for the preparation and study of electrocatalyst materials...

Full details:

<http://jobs.phds.org/job/13338/lawrence-berkeley-national/chemist-postdoc-fellow>

Title: Post-doctoral research fellow in Translational Bioinformatics

Department: Pulmonomics Laboratory

Employer: Boston University School of Medicine

Location: Boston, MA, United States

Posted: Apr 03

The Pulmonomics laboratory at Boston University School of Medicine (<http://pulmonomics.org>) is seeking a creative and motivated postdoctoral fellow to join the laboratory and participate in our active and well-funded research program aimed at gaining...

Full details:

<http://jobs.phds.org/job/13332/boston-university-school/post-doctoral-research>

Title: Post-Doctoral Position in Bioinformatics and Proteomics

Department: Alexey Nesvizhskii laboratory

Employer: University of Michigan-Ann Arbor

Location: Ann Arbor, MI, United States

Posted: Apr 03

A post-doctoral position is currently available in Alexey Nesvizhskii laboratory at the University of Michigan Medical School, Ann Arbor. We are working in the area of bioinformatics and proteomics, including but not limited to: 1. Development of...

Full details:

<http://jobs.phds.org/job/13344/university-of-michigan/post-doctoral-position>

Title: Research Scientist Computational Fluid Mechanics/Polymer Processing (Sco), PhD, The Netherlands

Employer: Royal DSM N.V.

Location: Geleen, Netherlands

Posted: Apr 03

Company: Royal DSM N.V. Department: Material Science Centre (MSC)

Reporting to/hierarchy: Competence Centre Manager Function

details: He/she will support the activities of the different DSM

Business Units namely the Performance Materials Cluster (...)

Full details:

<http://jobs.phds.org/job/13326/royal-dsm-n-v/research-scientist-computational>

Title: Trade Execution – phenomenal opportunity for Recent PhD Grads from top schools_ EU Citizen preferred

Employer: Options Group

Location: Dublin, Ireland

Posted: Apr 03

Our New York-based proprietary trading firm client is in the process of opening an office in Dublin and is looking to hire a Trade Execution Associate. The Associate will manage the intraday and end-of-day trade execution and operations. This...

Full details:

<http://jobs.phds.org/job/13341/options-group/trade-execution-phenomenal>

Title: Director, High Frequency Equity Trading – \$1MM +++, Investment Bank, NY

Employer: Maven Search – Investment Bank

Location: New York, NY, United States

Posted: Apr 03

Large Global Investment Bank is looking for a manager to run its high frequency trading effort in the USA. Seasoned Quantitative Trader & Manager This role will suit an experienced quantitative trader who is keen to build a career in management and...

Full details:

<http://jobs.phds.org/job/13337/maven-search-investment/director-high-frequency>

Title: Director, Intra Day Systematic Futures, New York USD ++ to attract the best.

Employer: Maven Search – Investment Bank

Location: New York, NY, United States

Posted: Apr 03

Leading systematic proprietary trading business within an Investment Bank is looking to deepen its expertise and breadth within its futures trading effort. Role and Requirements You will form part of an elite systematic proprietary trading group....

Full details:

<http://jobs.phds.org/job/13335/maven-search-investment/director-intra-%E2%80%93-day>

Title: Quantitative Analyst, Equity Trading Strategist, Market Making
Firm USD \$300–500k
Employer: Maven Search – Options Market Making Firm
Location: Palm Desert, CA, United States
Posted: Apr 03

Specialist PhD group within a leading market making firm would like to appoint an additional Quantitative Analyst to its group to be based in either NY, California or London. Specialist Group This is a comprehensive specialist group within a leading...

Full details:

<http://jobs.phds.org/job/13334/maven-search-options/quantitative-analyst>

Title: Vice President, Quantitative Developer, Program Trading, New York
\$300K+
Employer: Maven Search – Specialist
Location: New York, NY, United States
Posted: Apr 03

Specialist block trading firm with trading operations and offices across the USA, would like to appoint and experienced quantitative developer for its New York office. Engineering The NY office serves as one of the core hubs for innovation and...

Full details:

<http://jobs.phds.org/job/13333/maven-search-specialist/vice-president-quantitative>

Title: Commodities Quant Analyst/Strategist Required for Top Tier
Investment Bank New York
Employer: GQR | Global Quant Recruitment – Quant Jobs
Location: London, United Kingdom
Posted: Apr 03

Commodities Quant Analyst/Strategist Required for Top Tier
Investment Bank New York The Client: Top Tier Investment Bank
Location: New York – USA The Role: My Client is a top tier investment bank currently in the market place for an experienced...

Full details:

<http://jobs.phds.org/job/13324/gqr-global-quant-recruitment/commodities-quant-analyst>

Title: Credit Quantitative Analyst/Strategist Required for Top Tier
Investment Bank New York
Employer: GQR | Global Quant Recruitment – Quant Jobs
Location: New York, NY, United States
Posted: Apr 03

Credit Quantitative Analyst/Strategist Required for Top Tier
Investment Bank New York The Client: Top Tier European
Investment Bank Location: New York – USA The Role: My Client is a
top tier investment bank currently in the market place for an...

Full details:

<http://jobs.phds.org/job/13323/gqr-global-quant-recruitment/credit-quantitative-analyst>

Title: Reinsurance / Life Settlements Quantitative Analyst / Strategist –
Top Tier Investment Bank
Employer: GQR | Global Quant Recruitment – Quant Jobs
Location: New York, NY, United States
Posted: Apr 03

Reinsurance / Life Settlements Quantitative Analyst / Strategist –
Top Tier Investment Bank New York The Client: Top Tier
Investment Bank Location: New York – USA The Role: My Client is a
top tier investment bank currently in the market place...

Full details:

<http://jobs.phds.org/job/13322/gqr-global-quant-recruitment/reinsurance-life-settlements>

Title: Experienced FX, Commodities, Rates Quantitative Analyst Required
for Top Tier Investment Bank
Employer: GQR | Global Quant Recruitment – Quant Jobs
Location: New York, NY, United States
Posted: Apr 03

Experienced FX, Commodities, Rates Quantitative Analyst Required
for Top Tier Investment Bank New York The Client: Top Tier
European Investment Bank Location: New York – USA The Role: My
Client is a top tier investment bank currently in the...

Full details:

<http://jobs.phds.org/job/13321/gqr-global-quant-recruitment/experienced-fx-commodities>

Title: Fixed Income Macro Risk Manager 2+ Yrs Experience High
Profile Asset Managers – London
Employer: GQR | Global Quant Recruitment – Quant Jobs

Location: London, United Kingdom
Posted: Apr 03

Fixed Income Macro Risk Manager 2+ Yrs Experience High Profile Asset Managers – London The Client: Asset Managers Location: London, UK The Role: My Client is an investment asset managers with a good reputation in the market place and are...

Full details:

<http://jobs.phds.org/job/13320/gqr-global-quant-recruitment/fixed-income-macro-risk>

Title: Interest Rates Derivatives Quant
Employer: Options Group
Location: Chicago, IL, United States
Posted: Apr 03

Our client is looking for an experienced Interest rate derivatives quant. The candidate needs to have strong math skills with a very good knowledge of Stochastic Calculus as well as well as outstanding C++ skills. Background in statistics and some...

Full details:

<http://jobs.phds.org/job/13318/options-group/interest-rates-derivatives>

Title: Equity Derivatives Quant
Employer: Options Group
Location: Chicago, IL, United States
Posted: Apr 03

Description: Our client is looking for an experienced equity derivatives quant. The candidate needs to have strong math skills with a very good knowledge of Stochastic Calculus as well as well as outstanding C++ skills. Background in statistics and...

Full details:

<http://jobs.phds.org/job/13317/options-group/equity-derivatives-quant>

Title: Commodities Quant – Energy
Employer: Options Group
Location: New York, NY, United States
Posted: Apr 03

Our global banking client is seeking a commodities quant to work on their presitigious desk. Requirements: 1–3 years experience working on a commodities trading desk. Energy preferred. Ph.D.

required.

Full details:

<http://jobs.phds.org/job/13316/options-group/commodities-quant-energy>

Title: High Frequency Quantitative Researcher / strategist with C++ for hedge fund

Employer: Hedge Fund

Location: New York, NY, United States

Posted: Apr 03

Hedge Fund in New York is hiring for a Quant Strategist in high frequency to join hedge fund to aid in revenue growth. You will be responsible for managing massive data sets and optimizing trading strategies as well as build your own models. The...

Full details:

<http://jobs.phds.org/job/13345/hedge-fund/high-frequency-quantitative>

Title: 2 Senior FX Quantitative Analysts/Developers required with a leading Investment Bank team – London

Employer: GQR | Global Quant Recruitment – Quant Jobs

Location: London, United Kingdom

Posted: Apr 03

2 Senior FX Quantitative Analysts/Developers required with a leading Investment Bank team – London
The Client: Leading Investment Bank
Location: London, UK
The Role: My Client is an investment bank who has had a strong quarter despite of the...

Full details:

<http://jobs.phds.org/job/13319/gqr-global-quant-recruitment/2-senior-fx-quantitative>

Title: Software Automation Engineer – QA

Employer: Options Group

Location: Houston, TX, United States

Posted: Apr 03

Our client is looking for an experienced Software Engineer with experience of building test automation infrastructure and tools for real-time, production critical applications. Requirements: * 5+ years experience in at least one major scripting or...

Full details:

<http://jobs.phds.org/job/13315/options-group/software-automation-engineer>

Title: Quantitative Strategist
Employer: Confidential
Location: New York, NY, United States
Posted: Apr 03

The E-Trading Group is looking to hire a Quantitative Strategist to work on High Frequency execution analysis. * An advanced degree in a quantitative field such as: * * Statistics * Mathematics * Physics * Engineering * Strong computer science skills...

Full details:
<http://jobs.phds.org/job/13314/confidential/quantitative-strategist>

Title: Quant Researcher / Analyst with Statistics background and high frequency experience
Employer: Huxley Associates
Location: New York, NY, United States
Posted: Apr 03

Electronic Market Maker in New York is hiring for a skilled mathematician for a quant analyst to contribute to the statistical modeling of high frequency electronic trading group. You will analyze real data in a quantitative manner applying your...

Full details:
<http://jobs.phds.org/job/13313/huxley-associates/quant-researcher-analyst>

Title: Quantitative Model Validation – Commodities
Employer: Deutsche Bank
Location: New York, NY, United States
Posted: Apr 03

About Deutsche Bank Deutsche Bank is a leading global investment bank with a strong and profitable private clients franchise. A leader in Germany and Europe, the bank is continuously growing in North America, Asia and key emerging markets. With 80,...

Full details:
<http://jobs.phds.org/job/13312/deutsche-bank/quantitative-model-validation>

Title: Portfolio Manager (High Frequency)
Employer: Hedge Fund

Location: New York, NY, United States
Posted: Apr 03

The ideal candidate will have a track record of running a book in the asset classes of equities, futures, and currencies, medium or high frequency. Sharpe Ratio MUST be above 4.0

Full details:

<http://jobs.phds.org/job/12315/hedge-fund/portfolio-manager-high>

Title: Market Making Desk seeks C++ Guru
Employer: Confidential
Location: New York, NY, United States
Posted: Apr 03

Highly regarded Market Making desk seeks a talented C++ Engineer *
An advanced degree in Computer Science * Solid Knowledge of data structures and algorithms (i.e. know the technical tradeoffs of various approaches, performance implications,...

Full details:

<http://jobs.phds.org/job/11675/confidential/market-making-desk-seeks>

Title: Automated Market Making Developer
Employer: Confidential
Location: New York, NY, United States
Posted: Apr 03

Automated Market Making group within an Investment Bank is looking to hire a Senior AMM Developer with significant experience in building and improving AMM systems. * 6 years working for a major Market Maker * The role offers the successful candidate...

Full details:

<http://jobs.phds.org/job/11538/confidential/automated-market-making>

Title: Network Engineer – Market Making Group
Employer: Confidential
Location: New York, NY, United States
Posted: Apr 03

Premier Market Making Group is seeking a true networking visionary. " Maintain LAN/WAN network, connectivity between all datacenters and to all financial extranets; monitor network and network equipment for problems, and contact vendors to...

Full details:

<http://jobs.phds.org/job/12270/confidential/network-engineer-market>

Title: Postdoctoral Fellows -- IBNAM--Baxter Early Career Development

Award in Bioengineering

Employer: Institute for BioNanotechnology in Medicine at Northwestern University

Location: Chicago, IL, United States

Posted: Apr 02

The Institute for BioNanotechnology in Medicine (IBNAM) at Northwestern University has funding available for young researchers in bioengineering. The IBNAM--Baxter Early Career Development Award in Bioengineering provides up to two years of funding...

Full details:

<http://jobs.phds.org/job/13298/institute-for-bionanotechnology/postdoctoral-fellows>

Title: RISK QUANT/ REINSURANCE STRATEGIES GROUP/ LONDON

Employer: COMPREHENSIVE RECRUITING

Location: London, United Kingdom

Posted: Apr 02

Top tier investment bank seeks quantitative strategist for Reinsurance Strategies Group in London. On a daily basis, the candidate will collaborate with underwriting, origination, marketing and trading teams with regard to valuation and risk analysis...

Full details:

<http://jobs.phds.org/job/13304/comprehensive-recruiting/risk-quant-reinsurance>

Title: RISK MODELING/ ASSOC. VP/ NYC

Employer: GLOBAL FINANCIAL MARKETS FIRM

Location: New York, NY, United States

Posted: Apr 02

This person will focus on the development and implementation of Rating Templates, Probability of Default (PD), Loss Given Default (LGD), and Exposure At Default (EAD) modelling methodologies as part of the ongoing enhancement of credit models for...

Full details:

<http://jobs.phds.org/job/13303/global-financial-markets/risk-modeling-assoc-vp>

Title: Quant Analyst/ Model Validation/ Wall Street
Employer: Tier 1 Investment Bank
Location: New York, NY, United States
Posted: Apr 02

Global Investment Bank is looking to add a senior quantitative analyst to their Global Financial Research team in London and New York. This person will be part of a team that is responsible for innovation, model enhancement, quantitative solutions...

Full details:

<http://jobs.phds.org/job/13302/tier-1-investment-bank/quant-analyst-model-validation>

Title: Senior Quantitative Analyst
Employer: Large company in energy
Location: West Coast, United States
Posted: Apr 02

Quantitative Analyst / Senior Quantitative Analyst position We are looking for candidates with experience in Quantitative Modeling, Risk management for our clients on the West Coast. Candidates with a Financial Engineering degree or a Ph.D would be...

Full details:

<http://jobs.phds.org/job/13301/large-company-in-energy/senior-quantitative-analyst>

Title: Cash Equity Quantitative Analyst
Employer: Integrated Management Resources, Inc.
Location: London, United Kingdom
Posted: Apr 02

Well-known Investment Bank is looking for a PhD Quant to add to their research efforts in London. Dynamic position working directly with the trading desk, developing pricing and risk models. Qualified candidates will have a PhD from a reputable...

Full details:

<http://jobs.phds.org/job/13300/integrated-management/cash-equity-quantitative>

Title: Quantitative Model Developer
Department: Financial Engineering
Employer: Investment Technology Group

Location: Boston, MA, United States

Posted: Apr 02

ITG's Financial Engineering group is involved in research, development and production of sophisticated, statistical/quantitative tools for investment and trading decisions. The group consists of 20 employees of whom the majority has advanced degrees...

Full details:

<http://jobs.phds.org/job/13299/investment-technology/quantitative-model-developer>

Title: Energy Risk Manager

Employer: Large company

Location: West Coast, United States

Posted: Apr 02

Risk Manager/ Principal Quantitative Analyst We are looking for Risk Managers/ Principal Quantitative Analysts. These positions are full time positions and would be based with our clients on the West coast Please note the skills we are looking for...

Full details:

<http://jobs.phds.org/job/13272/large-company/energy-risk-manager>

Title: Quantitative Strategist / PhD Degree

Employer: Integrated Management Resources, Inc.

Location: New York, NY, United States

Posted: Apr 02

Top Tier Investment Bank seeks a Strategist possessing a PhD in relevant field, to support strategies group in New York. Candidate will be working on pricing, risk management and modeling analytics and technology. This individual will assist other...

Full details:

<http://jobs.phds.org/job/11714/integrated-management/quantitative-strategist>

Title: Quantitative Analyst / Oil-Petroleum Background

Employer: Integrated Management Resources, Inc.

Location: Chicago, IL, United States

Posted: Apr 02

Major Energy Company is seeing a Quantitative Analyst with a Masters and/or a PhD in Financial Engineering, Mathematics,

Physics or other related field, to support commodity desk.
Candidate must have an oil/petroleum background. Must have a strong...

Full details:

<http://jobs.phds.org/job/11588/integrated-management/quantitative-analyst>

Title: Physicist Postdoc Fellow 22509
Employer: Lawrence Berkeley National Laboratory
Location: Berkeley, CA, United States
Posted: Apr 02

POSITION SUMMARY: The Ion Beam Technology Group of LBNL's Accelerator and Fusion Research Division has an opening for a postdoctoral fellow to study various types of ion sources and low energy beam systems for the purpose of developing neutron and...

Full details:

<http://jobs.phds.org/job/13296/lawrence-berkeley-national/physicist-postdoc-fellow>

Title: Physicist Post Doc Fellow 22449
Employer: Lawrence Berkeley National Laboratory
Location: Berkeley, CA, United States
Posted: Apr 02

Lawrence Berkeley National Laboratory (LBNL) is a world leader in science and engineering research, with 11 Nobel Prize recipients over the past 75 years, and 59 present members of the National Academy of Sciences. LBNL conducts unclassified research...

Full details:

<http://jobs.phds.org/job/13295/lawrence-berkeley-national/physicist-post-doc-fellow>

Title: Computational Sci PD Fellow 21475
Employer: Lawrence Berkeley National Laboratory
Location: Berkeley, CA, United States
Posted: Apr 02

KEY SKILLS: Scientific computing, Applied Mathematics, C++, Fortran
POSITION SUMMARY: The Center for Computational Sciences and Engineering has two openings for postdoctoral researchers to work on the development of high-resolution methods for...

Full details:

<http://jobs.phds.org/job/13293/lawrence-berkeley-national/computational-sci-pd>

Title: Valuation Review Analyst
Employer: Comprehensive Recruiting
Location: New York, NY, United States
Posted: Apr 02

Responsibilities for this role include reviewing linear products in one or more commodity portfolio to insure measurement at fair value. Additional responsibilities include: Proactive in evaluating the seasonableness of traders commodity marks;...

Full details:

<http://jobs.phds.org/job/13292/comprehensive-recruiting/valuation-review-analyst>

Title: Quant Analyst – Interest Rates
Employer: Comprehensive Recruiting
Location: New York, NY, United States
Posted: Apr 02

Prestigious Global Investment Bank seeks a Senior Quantitative Analyst to join their New York City based Interest Rate Derivative trading team. The ideal candidate will have 5–7 years of financial experience with extensive experience supporting...

Full details:

<http://jobs.phds.org/job/13291/comprehensive-recruiting/quant-analyst-interest>

Title: Quantitative Analyst – Model Validation
Employer: Comprehensive Recruiting
Location: New York, NY, United States
Posted: Apr 02

Global Investment Bank is looking to add a senior quantitative analyst to their Global Financial Research team in London and New York. This person will be part of a team that is responsible for innovation, model enhancement, quantitative solutions...

Full details:

<http://jobs.phds.org/job/13290/comprehensive-recruiting/quantitative-analyst>

Title: Quant Trader with High Frequency Strategy Prop Group Toronto
Employer: Huxley Associates
Location: Toronto, ON, Canada

Posted: Apr 02

Prop trading firm in Toronto hiring high frequency quantitative trader with a proven high frequency model. You will take part in the full lifecycle of quantitative trading: idea generation, research and back-test, optimization and execution. Looking...

Full details:

<http://jobs.phds.org/job/13289/huxley-associates/quant-trader-with-high>

Title: Quantitative Engineer – High Frequency Tick Data – Equity Trading – Algorithmic Trading, PhD

Employer: Financial Software – leader in the area of high-frequency trading and execution optimization

Location: New York, NY, United States

Posted: Apr 02

QUANTITATIVE ENGINEER Research/Quant/Quantitative Engineer COMPANY is seeking new members for our quant team. COMPANY is an industry leader in the area of high-frequency trading and execution optimization. Our product distinguishes itself from...

Full details:

<http://jobs.phds.org/job/13285/financial-software-leader/quantitative-engineer>

Title: Quant Modeler to support Proprietary Trading desk

Employer: Investment Bank

Location: New York, NY, United States

Posted: Apr 01

Quant modeler is being hired by a mid-sized Investment Bank to work as a dedicated quant to support their proprietary trading desks which trade multiple asset classes. This role will suit a candidate with hands on quant modeling skills in a Front...

Full details:

<http://jobs.phds.org/job/13284/investment-bank/quant-modeler-to-support>

Title: Postdoctoral Position in Gas Hydrates

Department: Chemical Engineering Department

Employer: Colorado School of Mines

Location: Golden, CO, United States

Posted: Apr 01

1–2 Postdoctoral Fellowship positions are available in the following areas: hydrogen storage in clathrate materials, hydrates

in flow assurance (maintaining flow in subsea pipelines).
Interested candidates should submit a curriculum vitae and
cover...

Full details:

<http://jobs.phds.org/job/13283/colorado-school-of-mines/postdoctoral-position>

Title: Postdoctoral and Senior Research Awards
Department: Fellowship Programs
Employer: National Research Council of the National Academies
Location: Washington, DC, United States
Posted: Apr 01

Research Associateship Program Research Opportunities. The
National Research Council of the National Academies is accepting
applications for competitive awards for independent postdoctoral
scientific research to be conducted at participating US...

Full details:

<http://jobs.phds.org/job/10274/national-research-council/postdoctoral-and-senior>

Title: Editor- Physics
Employer: International Scientific Publisher
Location: New York, NY, United States
Posted: Apr 01

Our client is seeking an Acquisitions Editor of Physics to join
this prestigious international scientific publisher of books,
journals, and electronic media, with subsidiaries and
representatives all over the world. Publications range from
medicine...

Full details:

<http://jobs.phds.org/job/13280/international-scientific/editor-physics>

Title: C++ Linux/Windows Developer (Server Side) for Futures Prop Trading
Firm
Employer: Futures Group
Location: New York, NY, United States
Posted: Apr 01

Prop Trading Firm is seeking a C++ Linux/Windows Developer (Server
Side) to join their Futures Trading desk. This is a rare
opportunity to join an elite team of experienced technologists and
Traders, contributing to the development of their Futures...

Full details:

<http://jobs.phds.org/job/13278/futures-group/c-linux-windows-developer>

Title: Postdoctoral position in Direct numerical simulation of particulate flows

Department: Centre for Material Forming – CEMEF

Employer: MINES ParisTech

Location: Valbonne, France

Posted: Apr 01

Subject: Direct numerical simulation of particulate flows. Application to rheology of suspensions: Dense or highly concentrated particulate medium are very common in several engineering fields such as civil engineering, composite materials, food or...

Full details:

<http://jobs.phds.org/job/13276/mines-paristech/postdoctoral-position>

Title: Postdoctoral position in Modelling of the thermo-visco hyper elastic couplings in polymers

Department: Centre for Material Forming – CEMEF

Employer: MINES ParisTech

Location: Valbonne, France

Posted: Apr 01

Subject : Modelling of the thermo-visco hyper elastic couplings in polymers; Application to the identification of constitutive parameters. Visco elastic behaviour and dissipative effects in polymers make necessary to account for thermo mechanical...

Full details:

<http://jobs.phds.org/job/13277/mines-paristech/postdoctoral-position>

Title: Senior High Frequency Quant Developer / Researcher with C++

Employer: Prop Trading Firm

Location: Chicago, IL, United States

Posted: Apr 01

Proprietary trading group in Chicago is hiring for a senior quantitative developer with strong C++ and market knowledge to pioneer growth effort in high frequency trading. You will work with a small group of front office quants reporting directly to...

Full details:

<http://jobs.phds.org/job/13275/prop-trading-firm/senior-high-frequency>

Title: Research Associate/Research Fellow (2 positions): Bioinformatics

Department: Phenomics and Bioinformatics Research Centre

Employer: University of South Australia

Location: Adelaide Sa, Australia

Posted: Apr 01

The Phenomics and Bioinformatics Research Centre (PBRC), a joint initiative of the University of South Australia and the Australian Centre for Plant Functional Genomics (ACPGF), is seeking to appoint Research Associates or Research Fellows to conduct...

Full details:

<http://jobs.phds.org/job/13274/university-of-south-australia/research-associate-research>

Title: Postdoctoral Position in Organic Chemistry and Materials Research

Department: Department of Chemistry/Sieburth Group

Employer: Temple University

Location: Philadelphia, PA, United States

Posted: Mar 31

Immediate opening for postdoctoral research fellow for interdisciplinary effort in materials research, funded by the NIH. Review of applications will begin immediately. Ideal applicant would have a strong background in organic chemistry, polymer...

Full details:

<http://jobs.phds.org/job/13267/temple-university/postdoctoral-position>

Title: Post Doc position in inorganic phosphate chemistry

Employer: Ductile Ceramics

Location: Wilson, NC, United States

Posted: Mar 31

Develop acid base cements using phosphates and metal oxides. Use phosphate/metal oxide combinations to create resins for composites. Use acid/base combinations to create paints and coatings. Hands on research working directly with the creator of the...

Full details:

<http://jobs.phds.org/job/13264/ductile-ceramics/post-doc-position-in>

Title: Geological Postdoc Fellow
Employer: Lawrence Berkeley National Laboratory
Location: Berkeley, CA, United States
Posted: Mar 31

This one-year term post-doctoral researcher position focuses on conducting laboratory experiments to characterize the geophysical, mechanical, and hydrological properties of porous materials at reservoir pressures and temperatures, analyzing the...

Full details:

<http://jobs.phds.org/job/13265/lawrence-berkeley-national/geological-postdoc-fellow>

Title: Physicist Postdoc Fellow 22599
Employer: Lawrence Berkeley National Laboratory
Location: Berkeley, CA, United States
Posted: Mar 31

Postdoctoral Position in Experimental Nuclear Physics. The Nuclear Science Division of the Lawrence Berkeley National Laboratory invites applications for a postdoctoral position with the Nuclear Structure Group. Our experimental activities use state-...

Full details:

<http://jobs.phds.org/job/13261/lawrence-berkeley-national/physicist-postdoc-fellow>

Title: Physicist Postdoc Fellow 22372
Employer: Lawrence Berkeley National Laboratory
Location: Berkeley, CA, United States
Posted: Mar 31

Be part of something great! The scientific focus for this position will be characterization of metalloenzymes such as nitrogenase and hydrogenase by spectroscopic methods. The incumbent will be responsible for the collection and interpretation of...

Full details:

<http://jobs.phds.org/job/13262/lawrence-berkeley-national/physicist-postdoc-fellow>

Title: Physicist Postdoc Fellow 22135
Employer: Lawrence Berkeley National Laboratory
Location: Berkeley, CA, United States
Posted: Mar 31

The Physics Division at the Lawrence Berkeley National Laboratory is seeking outstanding candidates for a postdoctoral position in experimental cosmology. We are particularly interested in candidates with interest in the SDSS-III Baryon Oscillation...

Full details:

<http://jobs.phds.org/job/13263/lawrence-berkeley-national/physicist-postdoc-fellow>

Title: Derivatives C++ Technical Lead
Employer: Clarity Technical Search
Location: New York, NY, United States
Posted: Mar 31

The Derivatives Application group is seeking a hands-on technical lead with in-depth knowledge of interest rate derivatives or structured notes or convertible bonds. The candidate will have significant experience developing systems involving...

Full details:

<http://jobs.phds.org/job/13271/clarity-technical-search/derivatives-c-technical>

Title: Equities C++ Developer
Employer: Clarity Technical Search
Location: New York, NY, United States
Posted: Mar 31

As a member of a small team, for this international bank, you will write multithreaded applications on UNIX(Linux)/C/C++/Java platforms to ensure that real-time exchange-distributed pricing is efficiently received and delivered for processing by the...

Full details:

<http://jobs.phds.org/job/13270/clarity-technical-search/equities-c-developer>

Title: Postdoctoral Fellow in Natural Product Chemistry/Chemical Ecology
Department: Botany and Zoology, School of Biology
Employer: The Australian National University
Location: Canberra Act, Australia
Posted: Mar 31

A three year fixed-term position of Postdoctoral Fellow (Level A) in natural product chemistry/chemical ecology is available from July 2009. The position is funded by a multidisciplinary Australian Research Council Linkage grant. The position is a...

Full details:

<http://jobs.phds.org/job/13257/the-australian-national/postdoctoral-fellow-in>

Title: Deputy Director

Employer: Space Telescope Science Institute, Director's Office

Location: Baltimore– Johns Hopkins Homewood Campus, United States

Posted: Mar 31

The Space Telescope Science Institute (STScI), the science center for the Hubble Space Telescope and James Webb Space Telescope, and a premier astronomical research institution, is conducting a search for a Deputy Director.

Full details:

<http://jobs.phds.org/job/13260/space-telescope-science/deputy-director>

Title: LiDAR applied to landscape archaeology (France & Slovenia)

Employer: MSHE Ledoux

Location: Besançon, France

Posted: Mar 31

Applications are invited to work with the team of Dr Laure Nuninger (archaeologist), Dr François–Pierre Tourneux (geographer) and Pr Kristof Ostir (physicist, geodesist) to study landscape management over the long term using LiDAR data, Color /...

Full details:

<http://jobs.phds.org/job/12579/mshe-ledoux/lidar-applied-to-landscape>

Title: Senior Biotechnology Research

Employer: Cleantech

Location: Eastern Provinces, Canada

Posted: Mar 30

Top Canadian biotechnology firm is seeking a senior biotechnology professional to join their clean energy technology group. Candidate will be responsible for guiding research as well as managing the research team. Candidates should come from a top...

Full details:

<http://jobs.phds.org/job/13254/cleantech/senior-biotechnology>

Title: Statistical Programmer
Employer: Top Oncology Pharmaceuticals Company
Location: Boston, MA, United States
Posted: Mar 30

Large pharmaceuticals company is seeking a statistical programmer to join their oncology clinical trials team. Candidates will be responsible for programing and validating statistical analysis of clinical data. In addition to developing new analytics...

Full details:

<http://jobs.phds.org/job/13253/top-oncology-pharmaceuticals/statistical-programmer>

Title: Bioinformatics / Computational Biology Professional
Employer: Mid-Sized Biotechnology Firm
Location: Boston, MA, United States
Posted: Mar 30

Drug discovery platform at top biotechnology firm is seeking a bioinformatics professional to perform research and analysis on large, gene networks in order to identify therapy targets. Candidates will be responsible for developing analytics...

Full details:

<http://jobs.phds.org/job/12623/mid-sized-biotechnology/bioinformatics-computational>

Title: Materials Project Scientist
Employer: Lawrence Berkeley National Laboratory
Location: Berkeley, CA, United States
Posted: Mar 30

The LBNL Windows and Daylighting Group has an opportunity for a Post Doc Researcher to help develop a new generation of energy-saving electrochromic windows. As a Project Scientist, you will: * Characterize thin film components of electrochromic...

Full details:

<http://jobs.phds.org/job/13244/lawrence-berkeley-national/materials-project-scientist>

Title: Options Market Making Architect with C++ skills
Employer: Futures Group
Location: Jersey City, NJ, United States
Posted: Mar 30

Premier Financial Firm seeks Lead Architect to join an elite team that is building a brand new Options Making system. This candidate will be responsible for formulating and driving the implementation of the initial platform, setting the course for...

Full details:

<http://jobs.phds.org/job/13248/futures-group/options-market-making>

Title: Multi-Terabyte Database Developer w/ Java experience

Employer: Futures Group

Location: New York, NY, United States

Posted: Mar 30

Global Investment firm is seeking Multi-Terabyte Database Developer w/ Java experience for thier highly visible and profitable High-Frequency Equity Options Trading Desk. Canidates will be responsible for designing, implementing and maintaining...

Full details:

<http://jobs.phds.org/job/13249/futures-group/multi-terabyte-database>

Title: Sr. C++/C# Analytics Developer for (MBS/ABS)

Employer: Futures Group

Location: Greenwich, CT, United States

Posted: Mar 30

Top tier Global Financial Firm is seeking a Sr. C++/C# Analytics Developer needed to join a highly profitable team that is building a brand new MBS Trading system. Candidates will develop, validate, and implement quantitative and analytical models to...

Full details:

<http://jobs.phds.org/job/13250/futures-group/sr-c-c-analytics-developer>

Title: Senior C++ Market Data Engineer

Employer: Futures Group

Location: New York, NY, United States

Posted: Mar 30

Top Global Firm is seeking a Senior C++ Market Data Engineer for their New York City based office. Candidates will be responsible for migrating existing client market data applications to various data products, developing new applications (based on...

Full details:

<http://jobs.phds.org/job/13251/futures-group/senior-c-market-data>

Title: Sr. quantitative analysts and developers
Department: Fixed Income Research and Analytics
Employer: Asset Management / Distressed Hedge Fund
Location: Miami, FL, United States
Posted: Mar 30

A well positioned hedge fund located in Miami FL is seeking two senior level quant/developer in its fixed income research and analytics group. This is an outstanding opportunity for a Jr. and Sr. quantitative analysts and developers to land their...

Full details:

<http://jobs.phds.org/job/13255/asset-management-distressed/sr-quantitative-analysts>

Title: Senior Machine Learning Scientist / Bioinformatics Scientist/
Computational Biology Scientist
Department: Machine Learning Department
Employer: Aureon Laboratories, Inc.
Location: Yonkers, NY, United States
Posted: Mar 30

About the position: Aureon s Machine Learning Department receives data defining a patient s disease profile from a variety of domains, including clinical information (i.e., race, age), bio-molecular marker expression, and image analysis of the...

Full details:

<http://jobs.phds.org/job/12457/aureon-laboratories-inc/senior-machine-learning>

Title: Quantitative Analyst
Employer: Comprehensive Recruiting
Location: New York, NY, United States
Posted: Mar 30

Global Investment Bank is looking to add a Quantitative Analyst to support their Equity Derivative Prop Trading desk. Candidates should be skilled in developing quantitative models & proprietary trading algorithms for equity derivatives. The...

Full details:

<http://jobs.phds.org/job/13242/comprehensive-recruiting/quantitative-analyst>

Title: Research associate in applied physics–MEMS

Department: Nanofabrication

Employer: National Research Council

Location: Ottawa, ON, Canada

Posted: Mar 30

Research associate in applied physics–MEMS–Nanofabrication The major responsibility of this position is to undertake research focused on fabrication of electrostatically actuated curling electrodes for smart windows applications, as part of a small...

Full details:

<http://jobs.phds.org/job/13240/national-research-council/research-associate-in>

Title: Junior Quant Analyst

Employer: Comprehensive Recruiting

Location: London, United Kingdom

Posted: Mar 30

Global hedge fund seeks junior quantitative analyst for UK equities group. Candidate must have a PH.D in a hard science from a top university and strong quantitative and programming skills. Finance background a plus, but not essential. Candidate must...

Full details:

<http://jobs.phds.org/job/13241/comprehensive-recruiting/junior-quant-analyst>

Title: Postdoctoral position in fluids mechanics : cavitation with nanoparticles as thermal probes

Employer: Laboratoire des Ecoulements Géophysiques et Industriels

Location: Grenoble, France

Posted: Mar 30

A post doctoral position is available immediately for one year at the Geophysical and Industrial Flow Laboratory (LEGI) of the University of Grenoble, France. The aim of the research is to investigate the raise of the temperature within a collapsing...

Full details:

<http://jobs.phds.org/job/13239/laboratoire-des-ecoulements/postdoctoral-position>

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 - Reach tens of thousands of Ph.D.s each month

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 - Comprehensive, customizable rankings of graduate programs

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 - + writing your dissertation
 - + jobs for Ph.D.s in academia and industry

- * Engineering Science Weblog: <http://blog.phds.org/>
 - Building better scientists and engineers