

Computational Mathematics Seminar Series

Events

Current Events

Lectures

- ▣ Current Lectures
- ▣ Brain Science Speaker Series
- ▣ Cybersecurity Lecture Series
- ▣ CCT Distinguished Lecture Series
- ▣ CCT Tech Talk Series
- ▣ Computational Biology Seminar Series for Undergraduates
- ▣ **Computational Mathematics Seminar Series**
- ▣ Crazy Interdisciplinary Ideas Seminar Series
- ▣ Frontiers of Scientific Computing Lecture Series
- ▣ Coast to Cosmos Lecture Series
- ▣ IT Eminent Lecture Series
- ▣ Special Guest Lecture Series
- ▣ Other
- ▣ All

Events Archive ▾

DMC Rental Fees

[Polynomial Optimization in Data Science Under Uncertainty](#)

Speaker: Dr. Suhan Zhong, Texas A&M University
Digital Media Center - Room: 1034

Nov 19, 2024
@15:30:00

[Shape Optimization with Unfitted Finite Element Methods](#)

Speaker: Jeremy T. Shahan, Louisiana State University
Digital Media Center - Room: 1034

Nov 12, 2024
@15:30:00

[DL for PDEs: towards parametric, high-dimensional and PDE-constrained optimization](#)

Speaker: Xili Wang, Peking University
Digital Media Center - Room: 1034

Oct 22, 2024
@15:30:00

[Boosting Convergence Rates for Fixed-Point and Root-Finding Algorithms](#)

Speaker: Quoc Tran-Dinh, The University of North Carolina at Chapel Hill
Digital Media Center - Room: 1034

Apr 16, 2024
@15:30:00

[Nonlocal operator is all you need](#)

Speaker: Yue Yu, Lehigh University
Digital Media Center - Room: 1034

Mar 28, 2024
@15:30:00

[Repulsive Curves and Surfaces](#)

Speaker: Henrik Schumacher, University of Georgia / Chemnitz University of Technology
Digital Media Center - Room: 1034

Mar 26, 2024
@15:30:00

[Babuska's paradox in linear and nonlinear bending theories](#)

Speaker: Soeren Bartels, University of Freiburg, Germany
Digital Media Center - Room: 1034

Mar 05, 2024
@15:45:00

[Filtered Anderson Acceleration for Nonlinear PDE](#)

Speaker: Sara Pollock, Associate Professor
Digital Media Center - Room: 1034

Nov 28, 2023
@15:30:00

[Modeling and Numerical Analysis of the Landau-de Gennes Model](#)

Speaker: Andrew Hicks, LSU Department of Mathematics
Digital Media Center - Room: 1034

Nov 14, 2023
@15:30:00

[An Immuno-epidemiological Model of Foot-and-Mouth Disease in African Buffalo](#)

Speaker: Summer Atkins
Digital Media Center - Room: 1034

Oct 31, 2023
@15:30:00

[Generating Polynomial Method for Non-symmetric Tensor Decomposition](#)

Speaker: Zequn Zheng, Louisiana State University
Digital Media Center - Room: 1034

Sep 26, 2023
@15:30:00

[Adaptive sampling for the neural network approximation of PDEs](#)

Speaker: Xiaoliang Wan, Louisiana State University
Digital Media Center - Room: 1034

Sep 12, 2023
@15:30:00

[Structure-preserving finite-element schemes for the Euler-Poisson equations](#)

Speaker: Matthias Maier, Texas A&M University
Digital Media Center - Room: 1034

Apr 25, 2023
@15:30:00



Distributionally Robust Optimization in Kernel and Unbalanced Transport Geometry

Speaker: Jia-Jie Zhu
Zoom Online - Room: Virtual

Apr 11, 2023
@15:30:00



Convergence of the Planewave Approximations for Quantum Incommensurate Systems

Speaker: Daniel Massatt, Louisiana State University
Digital Media Center - Room: 1034

Feb 07, 2023
@15:30:00



DD-LOD: A Localized Orthogonal Decomposition Method for Elliptic Problems with Rough Coefficients Based on Domain Decomposition Techniques

Speaker: Jos Garay, Louisiana State University
Digital Media Center - Room: 1034

Nov 29, 2022
@15:30:00



Improving Numerical Accuracy for the Viscous-plastic Formulation of Sea Ice

Speaker: Tongtong Li, Dartmouth College
Zoom - Room: Zoom

Nov 15, 2022
@15:30:00



The Multi-Objective Polynomial Optimization

Speaker: Zi Yang, University of California, Santa Barbara
Zoom - Room: Zoom

Oct 04, 2022
@15:30:00



Homogenized Origami Surfaces

Speaker: Frederic Marazzato, Advisor for Undergraduate Research
Digital Media Center - Room: 1034

Sep 27, 2022
@15:30:00



Structure-Preserving Discretizations for Partial Differential Equations

Speaker: Casey Cavanaugh, Louisiana State University
Digital Media Center - Room: 1034

Sep 06, 2022
@15:30:00



Probabilistic Semi-supervised Learning via Sparse Graph Structure Learning

Speaker: Li Wang, University of Texas at Arlington
Digital Media Center - Room: 1034

Mar 03, 2020
@15:30:00



Numerical Schemes for Mixtures of Isotropic and Nematic Flows Taking into Account Anchoring and Stretching Effects

Speaker: Giordano Tierra Chica, University of North Texas
Digital Media Center - Room: 1034

Feb 18, 2020
@15:30:00



On the Asymptotic Convergence and Acceleration of Gradient Methods

Speaker: Yakui Huang, Hebei University of Technology, China
Digital Media Center - Room: 1034

Nov 19, 2019
@15:30:00



Localized Orthogonal Decomposition Method with Additive Schwarz for the Solution of Multiscale Elliptic Problems

Speaker: Jose Garay, Louisiana State University
Digital Media Center - Room: 1034

Nov 05, 2019
@15:30:00



A Nonmonotone Smoothing Newton Algorithm for Weighted Complementarity Problem

Speaker: Hongchao Zhang, Louisiana State University
Digital Media Center - Room: 1034

Oct 15, 2019
@15:30:00



A Revisit of Gradient Descent Method for Nonlinear Optimization

Speaker: Hongchao Zhang, Louisiana State University
Digital Media Center - Room: 1034

Apr 23, 2019
@15:30:00



PDE constrained optimization with pointwise constraints on the derivative of the state

Speaker: Winnifried Wollner, Technische Universität Darmstadt
Digital Media Center - Room: 1034

Apr 09, 2019
@15:30:00



Coupling the reduced-order model and the generative model for an importance sampling estimator

Speaker: Xiaoliang Wan, Louisiana State University
Digital Media Center - Room: 1034

Apr 02, 2019
@15:30:00



On structured sparsity learning with affine sparsity constraints

Speaker: Hongbo Dong, Washington State University
Digital Media Center - Room: 1034

Mar 19, 2019
@15:30:00



Semidefinite Optimization for Quantum Information Processing

Speaker: Xin Wang, University of Maryland
Digital Media Center - Room: 1034

Dec 04, 2018
@15:30:00



Serendipity Finite Element Methods in Theory and Practice

Speaker: Andrew Gillette, The University of Arizona
Digital Media Center - Room: 1034

Nov 13, 2018
@15:30:00



A Numerical Scheme for the Generalized Ericksen Model of Liquid Crystals With Applications to Virus DNA Packing

Speaker: Shawn Walker, Louisiana State University
Digital Media Center - Room: 1034

Oct 30, 2018
@15:30:00



The Hodge Laplacian on Axisymmetric Domains

Speaker: Minah Oh, James Madison University
Digital Media Center - Room: 1034

Oct 09, 2018
@15:30:00



Asynchronous Optimized Schwarz Methods for Partial Differential Equations in Rectangular Domains

Speaker: Jose Garay, Louisiana State University
Digital Media Center - Room: 1034

Sep 18, 2018
@15:30:00



Deterministic and Stochastic ADMM for Structured Convex Optimization

Speaker: Jianchao Bai, Xi'an Jiaotong University
Digital Media Center - Room: 1034

Sep 04, 2018
@15:30:00



Overcoming the added-mass instability for coupling incompressible flows and elastic beams

Speaker: Longfei Li, University of Louisiana at Lafayette
Digital Media Center - Room: 1034

Apr 17, 2018
@15:30:00



Statistical inference for sample average approximation of constrained optimization and variational inequalities

Speaker: Shu Lu, University of North Carolina at Chapel Hill
Digital Media Center - Room: 1034

Apr 10, 2018
@15:30:00



Horizontal Dispersion of Buoyant Materials in the Ocean Surface Boundary Layer 1

Speaker: Jun-Hong Liang, Louisiana State University
Digital Media Center - Room: 1034

Mar 20, 2018
@15:30:00



A Joint Matrix Minimization Approach and the Applications in Collective Face Recognition and Seismic Wavefield Recovery

Speaker: Liping Wang, Nanjing University of Aeronautics and Astronautics
Digital Media Center - Room: 1034

Mar 13, 2018
@15:30:00



Numerical Approximations for a Singular Elliptic Variational Inequality

Speaker: Yi Zhang, University of North Carolina at Greensboro
Digital Media Center - Room: 1034

Mar 06, 2018
@15:30:00



A discontinuous Galerkin finite element method for Hamilton-Jacobi-Bellman equations on piecewise curved domains, with applications to Monge-Ampère type equations

Speaker: Elly Kaweck, Oxford University
Digital Media Center - Room: 1034

Feb 22, 2018
@15:30:00



The Cahn-Hilliard Equation, a Robust Solver, and a Phase Field Model for Liquid Crystal Droplets

Speaker: Amanda Diegel, Louisiana State University
Digital Media Center - Room: 1034

Jan 23, 2018
@15:30:00



A Finite Element Scheme for a Phase Field Model of Nematic Liquid Crystal Droplets

Speaker: Shawn Walker, Louisiana State University
Digital Media Center - Room: 1034

Nov 14, 2017
@15:30:00



Data-driven closures for kinetic equations

Speaker: Daniele Venturi, University of California, Santa Cruz
Digital Media Center - Room: 1034

Nov 07, 2017
@15:30:00



Numerical homogenization of heterogeneous fractional Laplacians

Speaker: Joscha Gedicke, University of Vienna
Digital Media Center - Room: 1034

Oct 24, 2017
@15:30:00



Eigenvalue preservation for the Beris-Edwards system modeling nematic liquid crystals

Speaker: Xiang Xu, Old Dominion University
Digital Media Center - Room: 1034

Oct 10, 2017
@15:30:00



Primal-dual methods for affinely constrained problems

Speaker: Yangyang Xu, Rensselaer Polytechnic Institute
Digital Media Center - Room: 1034

Sep 26, 2017
@15:30:00



Strong convergence properties of a modified nonmonotone smoothing algorithm for the SSCP

Speaker: Jingyong Tang, Xinyang Normal University, China
Digital Media Center - Room: 1034

Sep 05, 2017
@15:30:00



Approximate Global Minimizers to Pairwise Interaction Problems Through a Convex/non-convex Energy Decomposition: With Applications to Self-assembly

Speaker: David Shirokoff, New Jersey Institute of Technology
Lockett Hall - Room: 233

Feb 13, 2017
@15:30:00



Error Analysis of C0 Interior Penalty Methods for An Elliptic State-Constrained Optimal Control Problem

Speaker: Yi Zhang, Notre Dame
Digital Media Center - Room: 1034

Nov 29, 2016
@15:30:00



Inexact Proximal Stochastic Gradient Method for Convex Composite Optimization

Speaker: Xiao Wang, Chinese Academy of Sciences
Digital Media Center - Room: 1034

Nov 08, 2016
@15:30:00



Quantifying Quasi-equilibrium and Non-equilibrium Properties for Complex Multiphysics Systems

Speaker: Huan Lei, Pacific Northwest National Laboratory
Digital Media Center - Room: 1034

Nov 01, 2016
@15:30:00



On Small Random Perturbations of Elliptic Problems

Speaker: Xiaoliang Wan, Louisiana State University
Digital Media Center - Room: 1034

Oct 11, 2016
@15:30:00



A Discontinuous Galerkin Least-squares Finite Element Method for Reaction-diffusion Problems with Singular Perturbation

Speaker: Runchang Lin, Texas A&M
Digital Media Center - Room: 1034

Sep 27, 2016
@15:30:00



Computational Mathematics

Speaker: Susanne Brenner, Louisiana State University
Digital Media Center - Room: 1034

Sep 20, 2016
@15:30:00



Hybridizable Discontinuous Galerkin Methods for Elastodynamics

Speaker: Francisco Javier Sayas, University of Delaware
Digital Media Center - Room: 1034

Apr 26, 2016
@15:30:00



Stochastic Differential Equations and Optimal Control with Constraints

Speaker: Haomin Zhou, Georgia Institute of Technology
Digital Media Center - Room: 1034

Apr 19, 2016
@15:30:00



Insights into Complex Wellbore Construction Processes and Completions Performance using Computation Fluid Dynamics (CFD) Simulations

Speaker: Mayank Tyagi, Louisiana State University
Digital Media Center - Room: 1034

Mar 08, 2016
@15:30:00



Hybrid Finite Element Methods for Multiscale Problems

Speaker: Alexandre Madureira, Laboratorio Nacional de Computacao Cientifica - LNCC
Digital Media Center - Room: 1034

Feb 24, 2016
@9:00:00



Inverse Problems for PDEs: Analysis, Computation, and Applications

Speaker: Gang Bao, Zhejiang University
Digital Media Center - Room: 1034

Feb 16, 2016
@15:30:00



Exploiting Approximation Properties in the Discontinuous Galerkin Scheme for Improved Trouble Cell Indication

Speaker: Jennifer Ryan, University of East Anglia, Norwich, UK
Digital Media Center - Room: 1034

Feb 02, 2016
@15:30:00



Inexact Alternating Direction Algorithm for Separable Convex Optimization

Speaker: Hongchao Zhang, Louisiana State University
Digital Media Center - Room: 1034

Nov 10, 2015
@15:30:00



A Two Level Additive Schwarz Preconditioner for a Partition of Unity Method

Speaker: Christopher Davis, Tennessee Tech University
Digital Media Center - Room: 1034

Oct 13, 2015
@15:30:00



Numerical Analysis of Convex Splitting Schemes for Cahn-Hilliard and Coupled Cahn- Hilliard-Fluid-Flow Equations

Speaker: Amanda Diegel, Louisiana State University
Digital Media Center - Room: 1034

Sep 15, 2015
@15:30:00



Partial Geometric Mapping for Data Reassembly and Reconstruction

Speaker: Xin Li, Louisiana State University
Digital Media Center - Room: 1034

Apr 21, 2015
@15:30:00



Fast Multilevel Solvers for Discrete Fourth Order Parabolic Problems

Speaker: Bin Zheng, Pacific Northwest National Laboratory
Digital Media Center - Room: 1034

Mar 31, 2015
@15:30:00



Automated Empirical Computational Optimization in ATLAS and iFKO

Speaker: R. Clint Whaley, Louisiana State University
Digital Media Center - Room: 1034

Mar 24, 2015
@15:30:00



Finite Element Methods for the Stochastic Allen-Cahn Equation with Gradient-type Multiplicative Noises

Speaker: Yi Zhang, University of Tennessee
Digital Media Center - Room: 1034

Mar 17, 2015
@15:30:00



A Fast Algorithm for Polyhedral Projection

Speaker: Hongchao Zhang, Louisiana State University
Digital Media Center - Room: 1034

Mar 10, 2015
@15:30:00



Attempting to Reverse the Irreversible in Quantum Physics

Speaker: Mark Wilde, Louisiana State University
Lockett Hall - Room: 233

Feb 24, 2015
@15:30:00



An Adaptive DG-? Method with Residual-type Error Estimates for Linear Parabolic Problems

Speaker: Natasha Sharma, University of Texas at El Paso
Digital Media Center - Room: 1034

Feb 03, 2015
@15:30:00



Overview of FELICITY: Finite Element Implementation and Computational Interface Tool for You

Speaker: Shawn Walker, Louisiana State University
Digital Media Center - Room: 1034

Nov 04, 2014
@15:30:00



Discrete ABP Estimate and Rates of Convergence of Linear Elliptic PDEs in Non-divergence Form

Speaker: Wujun Zhang, University of Maryland
Digital Media Center - Room: 1034

Sep 30, 2014
@15:30:00



A Posteriori Error Estimates of Discontinuous Galerkin Methods for Elliptic Obstacle Problems

Speaker: Kamana Porwal, LSU Department of Mathematics and CCT
Digital Media Center - Room: 1008B

Aug 26, 2014
@15:30:00



Recent Progress in Hybrid Discontinuous Galerkin Methods

Speaker: Eun-Jae Park, Naval Postgraduate School
Lockett Hall - Room: 233

Apr 22, 2014
@15:30:00



Mathematical Study and Finite Element Modeling of Invisibility Cloaks with Metamaterials

Speaker: Jichun Li, University of Nevada Las Vegas
Lockett Hall - Room: 233

Mar 18, 2014
@15:30:00



Numerical methods for transmission eigenvalues

Speaker: Jiguang Sun, Michigan Technological University
Lockett Hall - Room: 233

Mar 11, 2014
@15:30:00



A Fast Parallel Algorithm for Direct Simulation of Particulate Flows Using Conforming Grids

Speaker: Peter Minev, University of Alberta
Lockett Hall - Room: 233

Feb 18, 2014
@15:30:00



A C0 Interior Penalty Method for an Optimal Control Problem Governed by the Biharmonic Operator

Speaker: Neela Nataraj, Indian Institute of Technology
Lockett Hall - Room: 233

Dec 02, 2013
@14:30:00



Model Calibration for Coarse-Grained Models

Speaker: Xiu Yang, Brown University
Lockett Hall - Room: 233

Nov 19, 2013
@15:30:00



Gauge Optimization, Duality, and Applications

Speaker: Michael P. Friedlander, University of British Columbia
Lockett Hall - Room: 233

Oct 22, 2013
@15:30:00



A Staggered Discontinuous Galerkin Method for the Stokes System and its Fast Solvers by Domain Decomposition Methods

Speaker: Hyea Hyun Kim, Kyung Hee University, Korea
Lockett Hall - Room: 233

Oct 15, 2013
@15:30:00



Efficient Numerical Methods for Nonlinear Filter Problems

Speaker: Yanzhao Cao, Auburn University
Johnston Hall - Room: 338

Mar 12, 2013
@15:30:00



Numerical Solution of the Optimal Transportation Problem Via Viscosity Solutions of the Monge-Ampere Equation

Speaker: Brittany Froese, University of Texas at Austin
Johnston Hall - Room: 338

Jan 29, 2013
@15:30:00



A New Mixed Formulation For a Sharp Interface Model of Stokes Flow and Moving Contact Lines

Speaker: Shawn Walker, LSU
Johnston Hall - Room: 338

Nov 13, 2012
@15:30:00



Optimal Control of a Free Boundary Problem with Surface Tension Effects

Speaker: Harbir Antil, George Mason University
Johnston Hall - Room: 338

Nov 06, 2012
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Dew Drops on Spider Webs: A Symmetry Breaking Bifurcation for a Parabolic Differential-Algebraic Equation

Speaker: Klaus Boehmer, University of Marburg, Germany
Johnston Hall - Room: 338

Oct 23, 2012
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A Balancing Domain Decomposition Method by Constraints for Raviart-Thomas Vector Fields

Speaker: Duk-Soon Oh, LSU
Johnston Hall - Room: 338

Oct 16, 2012
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Discontinuous Galerkin Methods for Diffusion-Dominated Radiative Transfer Problems

Speaker: Guido Kanschat, Texas A&M
Johnston Hall - Room: 338

May 15, 2012
@15:30:00



The Study of Rare Events

Speaker: Xiang Zhou, Brown University
Johnston Hall - Room: 338

Mar 20, 2012
@15:30:00



Uncertainty Quantification Algorithms and Applications for High Dimensional Stochastic PDE Systems

Speaker: Guang Lin, Pacific Northwest National Laboratory
Johnston Hall - Room: 338

Mar 13, 2012
@15:30:00



Chebyshev Sparse Grid Method for High-dimensional PDEs

Speaker: Haijun Yu, Chinese Academy of Sciences
Johnston Hall - Room: 338

Mar 06, 2012
@15:30:00



Solitary wave solutions as inverse problem

Speaker: Tchavdar Marinov, Southern University at New Orleans
Johnston Hall - Room: 338

Feb 07, 2012
@15:30:00



An Adaptive Preconditioned Nonlinear Conjugate Gradient Method with Limited Memory

Speaker: Hongchao Zhang, LSU
Johnston Hall - Room: 338

Nov 29, 2011
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Optimization of Flapping Based Locomotion

Speaker: Shawn W. Walker, LSU
Johnston Hall - Room: 338

Nov 15, 2011
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Minimum Action Method and Dynamical Systems

Speaker: Xiaoliang Wan, LSU
Johnston Hall - Room: 338

Nov 08, 2011
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HDG Methods for the Vorticity-Velocity-Pressure Formulation of the Stokes Problem

Speaker: Jintao Cui, University of Minnesota
Johnston Hall - Room: 338

Nov 01, 2011
@15:30:00



Plasmonics for Controlling Light at the Nanoscale: Cavity and Slow-Light Enhanced Devices, and the Effect of Disorder

Speaker: Georgios Veronis, LSU
Johnston Hall - Room: 338

Oct 25, 2011
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Fluid Flow Simulations of Diverse Petroleum Engineering Processes at the Rock Pores-, System Components- and Reservoir Field- Scales

Speaker: Mayank Tyagi, Louisiana State University
Johnston Hall - Room: 338

Oct 04, 2011
@15:30:00



A Quadratic C0 Interior Penalty Method for the Displacement Obstacle Problem of Clamped Plates

Speaker: Yi Zhang, LSU
Johnston Hall - Room: 338

Sep 20, 2011
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Mathematical Modeling for HIV-1 Gag Protein Trafficking and Assembly

Speaker: Jiangguo Liu, LSU
Johnston Hall - Room: 338

Sep 13, 2011
@15:30:00



Computational Mathematics Research Summaries

Speaker: Blaise Bourdin, Susanne Brenner, Li-yeng Sung, Shawn Walker, Xiaoliang Wan, Hongchao Zhang
Johnston Hall - Room: 338

Sep 06, 2011
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A Diffuse Interface Model for Electrowetting

Speaker: Abner Salgado, University of Maryland
Johnston Hall - Room: 338

Aug 30, 2011
@15:30:00



Higher Order Estimates in Time for the Arbitrary Lagrangian Eulerian Formulation in Moving Domains

Speaker: Andrea Bonito, Texas A&M University
Johnston Hall - Room: 338

Aug 23, 2011
@15:30:00



Meshless Boundary Particle Methods For Elliptic Problems

Speaker: Christopher Davis, University of North Carolina at Charlotte
Lockett Hall - Room: 233

Jun 13, 2011
@15:30:00



A Parametric FEM for Geometric Problems: Techniques & Applications

Speaker: Miguel Sebastian Pauletti, Texas A&M University
Johnston Hall - Room: 338

Mar 16, 2011
@15:30:00



A Parametric FEM for Geometric Problems: Techniques & Applications

Speaker: Miguel Sebastian Pauletti, Texas A&M University
Johnston Hall - Room: 338

Mar 16, 2011
@15:30:00



An Algorithm for Surface Encoding and Reconstruction from 3D Point Cloud Data

Speaker: Luke Owens, Texas A&M University
Johnston Hall - Room: 338

Apr 19, 2010
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Wiener-Chaos finite element methods for the approximation of infinite-dimensional stochastic elliptic equations

Speaker: Juan Galvis, Texas A&M University
Johnston Hall - Room: 338

Apr 12, 2010
@10:00:00



Optimally Adapted Finite Element Meshes

Speaker: Jean-Marie Mirebeau, Universite Pierre et Marie Curie, France
Lockett Hall - Room: 233

Mar 03, 2010
@15:40:00



Optimally Adapted Finite Element Meshes

Speaker: Jean-Marie Mirebeau, Universite Pierre et Marie Curie, France
Lockett Hall - Room: 233

Mar 03, 2010
@15:40:00



Optimal Convergence of the Adaptive Finite Element Method

Speaker: Joscha Gedicke, Humboldt University of Berlin
Johnston Hall - Room: 338

Feb 17, 2010
@15:30:00



An Affine-scaling Method for Nonlinear Optimization with Continuous Knapsack Constraints

Speaker: Hongchao Zhang, Louisiana State University
Johnston Hall - Room: 338

Oct 27, 2009
@15:00:00



A Domain Decomposition Method based on Augmented Lagrangian with a Penalty Term

Speaker: Eun-Hee Park, LSU
Johnston Hall - Room: 338

Oct 20, 2009
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Noise-induced transition for the Kuramoto-Sivashinsky equation

Speaker: Xiaoliang Wan, LSU
Johnston Hall - Room: 338

Sep 08, 2009
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Monolithically Coupled Scalable Parallel Algorithms for Simulation of Fluid-structure Interaction

Speaker: Andrew Barker, Louisiana State University
Johnston Hall - Room: 338

Sep 01, 2009
@15:10:00



Numerical Methods for Fully Nonlinear Second Order PDEs and Applications

Speaker: Michael Neilan, Louisiana State University
Johnston Hall - Room: 338

Aug 25, 2009
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Numerical Methods for Fully Nonlinear Second Order PDEs and Applications

Speaker: Michael Neilan, Louisiana State University
Johnston Hall - Room: 338

Aug 25, 2009
@15:00:00



The Enriched Galerkin (EG) Method for Local Conservation

Speaker: Jiangguo Liu, Colorado State University
Johnston Hall - Room: 338

Jun 15, 2009
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Solving the Eikonal Equation on Adaptive Triangular and Tetrahedral Meshes

Speaker: Luke Owens, University of South Carolina
Johnston Hall - Room: 338

Apr 20, 2009
@11:00:00



Visualization of High Order Finite Element Methods

Speaker: Robert M. Kirby, University of Utah
Johnston Hall - Room: 338

Dec 01, 2008
@11:00:00



Bioinformatics and Biocomputing

Speaker: Zhijun Wu, Iowa State University
Johnston Hall - Room: 338

Nov 03, 2008
@11:00:00



Local Smoothness-Increasing Accuracy-Conserving (SIAC) Filtering for Discontinuous Galerkin Methods

Speaker: Jennifer K. Ryan, Delft University of Technology
Johnston Hall - Room: 338

Aug 20, 2008
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