LSU
CENTER FOR COMPUTATION & TECHNOLOGY
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LOUISIANA STATE UNIVERSITY

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  - ⠿ 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
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Frontiers of Scientific Computing Lecture Series

Bayesian Deep Learning for Predictive Scientific Computing
Speaker: Nicholas Zabaras, University of Notre Dame
Digital Media Center - Room: 1034

Oct 02, 2018 @15:30:00

Numerical Simulation of Blood Flows in Human Arteries
Speaker: Xiao-Chuan Cai, University of Colorado Boulder
Digital Media Center - Room: 1034

Nov 10, 2017 @11:00:00

Approximation Algorithms for Big Data
Speaker: Dongbin Xiu, The Ohio State University
Digital Media Center - Room: 1034

Oct 25, 2016 @15:30:00

Space-time Multigrid Solvers for Extreme-scale Scientific Computing
Speaker: Rob Falgout, Lawrence Livermore National Laboratory
Digital Media Center - Room: 1034

Mar 30, 2016 @15:30:00

A Two-stage Image Segmentation Method Based on the Mumford-Shah Model with Thresholding
Speaker: Raymond H. Chan, Chinese University of Hong Kong
Digital Media Center - Room: 1034

Nov 02, 2015 @10:30:00

Can the Gulf Coast Protect Itself from Hurricane Storm Surge?
Speaker: Clint Dawson, University of Texas at Austin
Digital Media Center - Room: 1034

Apr 14, 2015 @14:00:00

Efficient Solution Algorithms for Stochastic Partial Differential Equations
Speaker: Howard Elman, University of Maryland
Digital Media Center - Room: 1034

Oct 16, 2014 @15:30:00

Some Algorithmic Aspects of hp-Adaptive Finite Elements
Speaker: Randolph E. Bank
LSU Digital Media Center - Room: Theatre

Mar 25, 2014 @15:30:00

Modeling Rare Events
Speaker: Weinan E, Princeton University
Johnston Hall - Room: 338

Mar 05, 2013 @15:30:00

Five Trends in the Mathematical Foundation of Computational PDEs
Speaker: Carsten Carstensen, Humboldt University of Berlin, Germany
Johnston Hall - Room: 338

Aug 23, 2012 @15:30:00

Modeling, Analysis and Computation of Biomembranes
Speaker: Ricardo Nochetto, University of Maryland
Johnston Hall - Room: 338

Feb 02, 2012 @15:30:00

Maximum-Principle-Satisfying and Positivity-Preserving High Order Discontinuous Galerkin and Finite Volume Schemes
Speaker: Chi-Wang Shu, Brown University
Johnston Hall - Room: 338

Jan 19, 2012 @15:30:00

Simple Mathematical Models Can Provide New Insights into Stopping Epidemics
Speaker: James (Mac) Hyman, Tulane University
Johnston Hall - Room: 338

Apr 25, 2011 @15:30:00

A New Class of Discontinous Petrov-Galerkin (DPG) Finite Element (FE) Methods with Application to Challenging Singular Perturbation Problems
Speaker: Leszek Demkowicz, University of Texas at Austin
Johnston Hall - Room: 338

May 13, 2010 @11:00:00

Color Printers, Mailboxes, Fish, and Homer Simpson or Centroidal Voronoi Tesselations: Algorithms and Applications
Speaker: Max Gunzburger, Florida State University
Johnston Hall - Room: 338

Feb 04, 2010 @15:30:00

Computational Multiscale Mechanics: A Mathematical Perspective
Speaker: Claude Le Bris, Ecole Nationale des Ponts et Chaussees
Johnston Hall - Room: 338

Apr 15, 2009 @13:00:00

Interaction of Elastic Biological Structures with Complex Fluids
Speaker: Lisa J. Fauci, Tulane University
Johnston Hall - Room: 338

Mar 31, 2009 @11:00:00

Computing Fluid Flows in Complex Geometry
Speaker: Marsha Berger, Courant Institute
Johnston Hall - Room: 338

Feb 16, 2009 @11:00:00

An Overview of High Performance Computing and Challenges for the Future
Speaker: Jack Dongarra, University of Tennessee and Oak Ridge National Laboratory
Johnston Hall - Room: 338

Feb 02, 2009 @14:00:00

Multiscale Modeling of the Human Arterial Tree on the Teragrid
Speaker: George Em Karniadakis, Brown University
Johnston Hall - Room: 338

Oct 03, 2008 @11:30:00

Combinatorial Algorithms Enabling Computational Science and Engineering: The CSCAPES Institute
Speaker: Alex Pothen, Old Dominion University
Johnston Hall - Room: 338

Apr 02, 2008 @13:30:00

Challenges for the Message-Passing Interface in the PetaFLOPS Era
Speaker: William Gropp, Department of Computer Science, University of Illinois
Johnston Hall - Room: 338

Feb 22, 2008 @11:30:00

A Nonlinearly Implicit Manifesto
Speaker: David E. Keyes, Columbia University and Lawrence Livermore National Lab
Johnston Hall - Room: 338

Feb 18, 2008 @10:40:00

Phase Field Models and Simulations of Some Interface Problems
Speaker: Dr. Qiang Du, Pennsylvania State University
Johnston Hall - Room: 338

Nov 05, 2007 @15:00:00

Finite element exterior calculus: a new approach to the stability of finite elements
Speaker: Douglas N. Arnold, Director of the Institute for Mathematics and its Applications, and Professor of Mathematics, University of Minnesota
Johnston Hall - Room: 338

Oct 15, 2007 @15:00:00

Adaptive Multiscale Modeling of Large-Scale Molecular Systems
Speaker: Tinsley Oden, Institute for Computational Engineering and Sciences, The University of Texas at Austin
Life Sciences Building Annex - Room: A101 Auditorium

Sep 12, 2007 @15:00:00

Multiscale Discretizations for Flow, Transport and Mechanics in Porous Media
Speaker: Mary Fanett Wheeler, The University of Texas at Austin
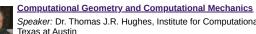Johnston Hall - Room: 338

May 01, 2007 @13:30:00

Mimetic discretizations and what they can do for you
Speaker: Dr. Pavel Bochev, Sandia National Laboratories
Johnston Hall - Room: 338

Mar 14, 2007 @11:00:00

Computational Geometry and Computational Mechanics

Speaker: Dr. Thomas J.R. Hughes, Institute for Computational Engineering and Sciences, The University of Texas at Austin

Johnston Hall - Room: 338

Feb 02, 2007 @11:00:00

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