2020 SIAM/CAIMS HAPPENING VIRTUALLY: 2nd Joint Annual Meeting (times listed are EDT)

Conference Program

Virtual Conference: Select sessions will occur virtually. Dates and times of these sessions will be posted as details become available. **Presentation times are Eastern Daylight Time (EDT).** Sessions accepted for presentation during the original conference dates but NOT occurring virtually will appear at the bottom of the program.

Monday, July 6		
8:00 AM - 5:00 AM	CP1 Contributed Presentation and Poster Hall (Available July 6 through July 17, 2020)	
8:00 AM - 9:00 AM	Student Days: Student Orientation	
9:00 AM - 11:00 AM	MS1 Applied and Computational Discrete Algorithms - Part I of II	
Concurrent Sessions	MS2 Nonlocal PDEs: Qualitative Properties and Asymptotic Behaviour - Part I of II	
	MS3 Portfolio and Transaction Optimization	
10:00 AM - 11:00 AM	MS4 Projection-Based Model Order Reduction for Partial Differential Equations - Part I of II	
11:00 AM - 11:15 AM	Opening Remarks	
11:15 AM - 12:15 PM	SP1 I. E. Block Community Lecture: Mathematics Meets Origami Erik Demaine, Massachusetts Institute of Technology, U.S.	
12:15 PM - 1:00 PM	IP1 Nonlinear Aggregation-Diffusion Equations: Gradient Flows, Free Energies and Phase Transitions José A. Carrillo, University of Oxford, United Kingdom	
2:00 PM - 4:00 PM	MS5 Applied and Computational Discrete Algorithms - Part II of II	
Concurrent Sessions	MS6 Nonlocal PDEs: Qualitative Properties and Asymptotic Behaviour - Part II of II	
	MS7 Projection-Based Model Order Reduction for Partial Differential Equations - Part II of II	
	MS8 Reinforcement Learning and Behavioral Modeling	
	MS9 Tutorial on Emerging Research Areas: Accessible Introductions to Recent Innovations	
4:00 PM - 5:00 PM	Student Days: Student Orientation	
5:00 PM - 5:45 PM	IP2 Partial Differential Equations Meet Deep Learning: Old Solutions for New Problems and Vice Versa Lars Ruthotto, Emory University, U.S.	
Tuesday, July 7		
9:00 AM - 11:00 AM	PD1 Live Industry Panel: Career Opportunities & Experiences in Industry & Business	
11:00 AM - 2:00 PM	Career Fair	
12:00 PM - 1:00 PM	CAIMS AGM	
2:00 PM - 4:00 PM	PD2 Live Industry Panel: From Applied Mathematicians to Entrepreneurs	
5:00 PM - 6:00 PM	MT1 Generalization Theory in Machine Learning	
Wednesday, July 8		
9:00 AM - 11:00 AM	MS10 Advances in Time-Stepping Methods - Part I of II	
Concurrent Sessions		

	MS11 Control Problems in Natural Resource Management	
	MS12 Delay Equations for Structured Dynamics: Theory, Numerics and	
	Applications MG12 Proceedings in National Conference of the Confe	
	MS13 Recent Advances in Numerical Methods for Wave Equations	
11:00 AM - 11:45 AM	JP1 Joint Speaker with the SIAM Conference on Imaging Science - Optimal	
	Transport for Machine Learning Gabriel Peyré, CNRS and École Normale Supérieure, Paris, France	
12:00 PM - 12:45 PM	IP3 On Optimality Conditions for Nonsmooth Functions Andrea Walther, Humboldt University Berlin, Germany	
1:00 PM - 2:00 PM	Student Days: Student Chapter Mixer	
2:00 PM - 4:00 PM	MS14 Advances in Time-Stepping Methods - Part II of II	
Concurrent Sessions	MS15 AWM Workshop: Mathematics of Materials - Part I of II	
	MS16 Developments in Machine Learning: Foundations and Applications - Part I of III	
	MS17 Numerical Methods for Differential Equations with Discontinuities	
	MS18 The Intersection of Optimal Control and Machine Learning - Part I of	
5:00 PM - 5:45 PM	IP4 2019 CAIMS Research Prize: Threshold Parameters in Ecology and Epidemiology Pauline van den Driessche, University of Victoria, Canada	
Thursday, July 9	[
9:00 AM - 11:00 AM	MS20 Extending Vesicle and Membrane Models	
Concurrent Sessions	MS21 Nonsmooth Dynamical Systems	
	MS22 The Intersection of Optimal Control and Machine Learning - Part II of III	
11:00 AM - 11:45 AM	SP2 Theodore von Kármán Prize Lecture: Mathematics, Mechanics and	
	Materials: The Case Study of Liquid Crystal Elastomers Kaushik Bhattacharya, California Institute of Technology, U.S.	
12:00 PM - 12:45 PM	IP5 Gelation, Self-Similarity and Oscillations in Smoluchowski's Classical Coagulation Equation Barbara Niethammer, University of Bonn, Germany	
1:00 PM - 2:00 PM	NSERC Information Session	
2:00 PM - 4:00 PM	MS23 AWM Workshop: Mathematics of Materials - Part II of II	
Concurrent Sessions	MS24 Developments in Machine Learning: Foundations and Applications - Part II of III	
	MS26 From PDE Solutions to Multi-Particle Interaction Systems: Reduction, Dynamics, and New Phenomena - Part I of II	
	MS27 The Intersection of Optimal Control and Machine Learning - Part III of III	
5:00 PM - 5:45 PM	IP6 Structure and Scale Interactions in Wall Turbulence: A Modal Puzzle Beverley McKeon, California Institute of Technology, U.S.	
Friday, July 10		
9:00 AM - 11:00 AM Concurrent Sessions	MS28 Control Theory for Complex and Hybrid Dynamical Systems - CANCELLED	
	MS29 Finance and Climate Change	
	MS30 Modelling the Development of Bacterial Populations	
	MS31 Nonlinear Approximation: Theory and Applications in Computational Mathematics - Part I of II	
	MS32 Numerical Computation of Special Functions	
9:00 AM - 11:30 AM	MS33 Vortex Dynamics, Vortex-Body Interactions, and Free Boundary Problems - Part I of I	
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1:00 AM - 12:00 PM	SP3 John von Neumann Prize Lecture: Rational Functions I. N. Trofothon, Onford University, United Vinadom	
2:00 PM - 12:45 PM	L. N. Trefethen, Oxford University, United Kingdom IP7 Modeling and Analysis of Wave Structure Interactions	
	David Lannes, University of Bordeaux, France	
2:00 PM - 4:00 PM	MS34 AWM Workshop: Poster Presenters	
Concurrent Sessions	MS35 Developments in Machine Learning: Foundations and Applications - Part III of III	
	MS36 From PDE Solutions to Multi-Particle Interaction Systems: Reduction, Dynamics, and New Phenomena - Part II of II	
	MS37 Nonlinear Approximation: Theory and Applications in Computational Mathematics - Part II of II	
Monday, July 13	· ·	
0:00 AM - 11:00 AM	MS38 Generalized Monge-Ampere Equations in Illumination Optics - Part I	
Concurrent Sessions	of II	
	MS39 Mathematical Modeling of Ocular Dynamics - Part I of II	
	MS40 Mathematics for Biochemistry, Biochemistry for Mathematics - Part I of III	
	MS41 Recent Advances in Numerical Methods for ODEs & PDEs - Part I of	
	<u>II</u>	
2:00 PM - 12:45 PM	IP8 2020 CAIMS Cecil Graham Doctoral Dissertation Award:	
	Multicomponent, Multiphase Thermodynamics with Interfacial Curvature	
	Nadia Shardt, University of Alberta, Canada	
2:00 PM - 4:00 PM	MS42 Mathematical Modeling of Ocular Dynamics - Part II of II	
Concurrent Sessions	MS43 Mathematics for Biochemistry, Biochemistry for Mathematics - Part II of III	
	MS44 Recent Advances in Numerical Methods for ODEs & PDEs - Part II of II	
5:00 PM - 5:45 PM	IP9 Elements of An Effective Ecosystem of Math Libraries for Exascale Ulrike Meier Yang, Lawrence Livermore National Laboratory, U.S.	
Гuesday, July 14		
0:00 AM - 11:00 AM	MS45 Advances in High-Performance Mathematical Software for Emerging	
Concurrent Sessions	Architectures - Part II of II	
	MS46 Developing Workforce in 21st Century Applied Mathematics - Part I	
	<u>of II</u>	
	MS47 Generalized Monge-Ampere Equations in Ilumination Optics - Part II	
	<u>of II</u>	
	MS48 Mathematics Applied to Biochemical Problems - Part III of III	
9:00 AM - 12:00 PM	MS49 Orthogonal Polynomials, Random Matrices and Asymptotic Methods	
2:00 PM - 12:45 PM	IP10 Multi-Applications of Multi-Orthogonality Andrei Martinez-Finkelshtein, Baylor University, U.S. and University of Almeria, Spain	
2:00 PM - 4:00 PM	MS50 Advances in High-Performance Mathematical Software for Emerging	
Concurrent Sessions	Architectures - Part I of II	
	MS51 Multiscale Data Science Inspired by Biological and Physical Systems - Part I of II	
	MS52 Recent Advances in Numerical Methods for PDEs with Applications -	
	Part I of II	
	MS53 Recent Advances in Scientific Computing	
Wednesday, July 15		
	MS54 Developing Workforce in 21st Century Applied Mathematics - Part II	
Concurrent Sessions	of II	
0:00 AM - 11:00 AM	of II	

	MS55 Mesoscale Membrane Modeling - Part I of IV	
	MS56 Optimal Control, Optimization and Games - CANCELLED MS57 Portfolio Selection	
	MS58 Recent Advances in Numerical Methods for PDEs with Applications - Part II of II	
9:00 AM - 11:30 AM	MS59 2020 NSF-SIAM Minisymposium on the NSF Program Designing Materials to Revolutionize and Engineer our Future - Part I of III	
12:00 PM - 12:45 PM	IP11 Equilibrium Measures for Nonlocal Interaction Energies: The Role of	
	Anisotropy Maria Giovanna Mora, University of Pavia, Italy	
2:00 PM - 4:00 PM Concurrent Sessions	MS60 2020 NSF-SIAM Minisymposium on the NSF Program Designing Materials to Revolutionize and Engineer our Future - Part II of III	
	MS61 Machine Learning and in Silico Drug Discovery	
	MS62 Mesoscale Membrane Modeling - Part II of IV	
	MS63 Multiscale Data Science Inspired by Biological and Physical Systems - Part II of II	
	MS64 Ordered Structures in Variational Problems and PDEs and Their Applications - Part I of II	
5:00 PM - 5:45 PM	IP12 2020 CAIMS-Fields Industrial Mathematics Award: Geometric Variational Methods: A Jackhammer and a Dental Tool for Your Problem- Solving Needs	
	Vakhtang Putkaradze, ATCO and University of Alberta, Canada	
Thursday, July 16		
9:00 AM - 11:00 AM Concurrent Sessions	MS65 2020 NSF-SIAM Minisymposium on the NSF Program Designing Materials to Revolutionize and Engineer our Future - Part III of III	
	MS66 Mesoscale Membrane Modeling - Part IV of IV	
	MS67 Ordered Structures in Variational Problems and PDEs and Their Applications - Part II of II	
	MS68 The Mathematics of Sparse Recovery and Machine Learning - Part I of II	
12:00 PM - 12:45 PM	IP13 Solving Eigenvalue Problems in High Dimension Jianfeng Lu, Duke University, U.S.	
1:00 PM - 2:00 PM	Workshop Celebrating Diversity (WCD) Luncheon	
2:00 PM - 4:00 PM	MS69 Data-Driven Methods and Models	
Concurrent Sessions	Transport of the Property of t	
	MS70 Mesoscale Membrane Modeling - Part III of IV	
	MS70 Mesoscale Membrane Modeling - Part III of IV MS71 Stochastic and Mean-Field Games	
5:00 PM - 5:45 PM	MS71 Stochastic and Mean-Field Games MS72 The Mathematics of Sparse Recovery and Machine Learning - Part II of II IP14 Dynamics Without a Phase Space	
	MS71 Stochastic and Mean-Field Games MS72 The Mathematics of Sparse Recovery and Machine Learning - Part II of II	
Friday, July 17	MS71 Stochastic and Mean-Field Games MS72 The Mathematics of Sparse Recovery and Machine Learning - Part II of II IP14 Dynamics Without a Phase Space	
5:00 PM - 5:45 PM Friday, July 17 9:00 AM - 11:00 AM Concurrent Sessions	MS71 Stochastic and Mean-Field Games MS72 The Mathematics of Sparse Recovery and Machine Learning - Part II of II IP14 Dynamics Without a Phase Space Arnd Scheel, University of Minnesota, Minneapolis, U.S. MS Student Days: Undergraduate Research Presentations - Part I of II MS73 Agent-Based Modelling Approaches in Biological and Social Systems	
Friday, July 17 9:00 AM - 11:00 AM	MS71 Stochastic and Mean-Field Games MS72 The Mathematics of Sparse Recovery and Machine Learning - Part II of II IP14 Dynamics Without a Phase Space Arnd Scheel, University of Minnesota, Minneapolis, U.S. MS Student Days: Undergraduate Research Presentations - Part I of II MS73 Agent-Based Modelling Approaches in Biological and Social Systems - Part I of II	
Friday, July 17 9:00 AM - 11:00 AM	MS71 Stochastic and Mean-Field Games MS72 The Mathematics of Sparse Recovery and Machine Learning - Part II of II IP14 Dynamics Without a Phase Space Arnd Scheel, University of Minnesota, Minneapolis, U.S. MS Student Days: Undergraduate Research Presentations - Part I of II MS73 Agent-Based Modelling Approaches in Biological and Social Systems - Part I of II MS74 Asymptotic Methods in Portfolio Optimization	
Friday, July 17 9:00 AM - 11:00 AM	MS71 Stochastic and Mean-Field Games MS72 The Mathematics of Sparse Recovery and Machine Learning - Part II of II IP14 Dynamics Without a Phase Space Arnd Scheel, University of Minnesota, Minneapolis, U.S. MS Student Days: Undergraduate Research Presentations - Part I of II MS73 Agent-Based Modelling Approaches in Biological and Social Systems - Part I of II MS74 Asymptotic Methods in Portfolio Optimization MS75 Mathematics and Computation of Financial Technology	
Friday, July 17 9:00 AM - 11:00 AM	MS71 Stochastic and Mean-Field Games MS72 The Mathematics of Sparse Recovery and Machine Learning - Part II of II IP14 Dynamics Without a Phase Space Arnd Scheel, University of Minnesota, Minneapolis, U.S. MS Student Days: Undergraduate Research Presentations - Part I of II MS73 Agent-Based Modelling Approaches in Biological and Social Systems - Part I of II MS74 Asymptotic Methods in Portfolio Optimization	

2:00 PM - 3:00 PM	MS Student Days: Undergraduate Research Presentations - Part II of II	٦٢
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2:00 PM - 4:00 PM Concurrent Sessions	MS78 Agent-Based Modelling Approaches in Biological and Social Systems - Part II of II	
	MS79 Energy, Renewables and Environmental Finance	
	MS80 Modeling and Analysis in Ecology and Social Dynamics - Part II of II]
	MS81 Systems Modeling with Academic and Biopharma Industry Applications - Part II of II	
5:00 PM - 5:45 PM	IP16 Computational Challenges in Game Theoretic Models for Energy	اِ
	Production & Cryptocurrency Mining Ronnie Sircar, Princeton University, U.S.	
5:45 PM - 6:00 PM	Closing Remarks	
-	PP Accepted Contributed Posters	7
-	MS Student Days: Student Chapter Presentations - Part I of II	į
-	MS Student Days: Student Chapter Presentations - Part II of II	i
-	MS Student Days: Student Paper Prize Winner Presentations	1
	MS Student Days: An Informal Meeting with the Invited Speakers	7
	MS Quantitative Methods in the Life Sciences	1
	MS Multi-Phenomena Phenomena - Part II of II	1
-	MS Modelling with Fractional PDEs: Numerical Analysis and Applications - Part I of II	
	MS Modelling with Fractional PDEs: Numerical Analysis and Applications - Part II of II	
_	MS Quantum Linear Algebra	1
_	MS Preparing Faculty to Prepare Students for Tomorrow's Workforce	╡
	MS Mathematical Modeling in Physiology and Medicine - Part I of II	7
	MS Mathematical Modeling in Physiology and Medicine - Part II of II	╡
	MS Data-Driven Modelling for Assessment of Health and Drug Design	7
	MS Infectious Disease Modeling: From Within-Host to Between-Host - Part I	_ -
	of II	-
-	MS Infectious Disease Modeling: From Within-Host to Between-Host - Part II of II	
-	MS Deep Learning in Finance	
-	MS Advances in Mathematical Ecology and Evolution - Part I of II	
-	MS Advances in Mathematical Ecology and Evolution - Part II of II	
-	MS Viscoelastic Fluid Mechanics: A Minisymposium in Honor of Renardy & Renardy - Part III of IV	2
-	MS Viscoelastic Fluid Mechanics: A Minisymposium in Honor of Renardy & Renardy Part IV of IV	2
-	MS Analysis and Simulations in Biofluid and Biomechanical Models	Ī
-	MS A Deep Look at Neural Networks with Applications in Scientific Machine Learning - Part I of II	Ī
-	MS A Deep Look at Neural Networks with Applications in Scientific Machine Learning - Part II of II	
-	MS Modeling Complex Systems and Multiscale Problems in Mathematical Biology - Part I of II	j
-	MS Modeling Complex Systems and Multiscale Problems in Mathematical Biology - Part II of II	ĺ
-	MS Viscoelastic Fluid Mechanics: A Minisymposium in Honor of Renardy & Renardy - Part I of IV	-
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-	MS Viscoelastic Fluid Mechanics: A Minisymposium in Honor of Renardy & Renardy - Part II of IV	
-	MS Multi-Phenomena Phenomena - Part I of II	
-	MS Recent Advances in Numerical Methods for Multiscale Multiphysics Problems - Part I of II	
-	MS Recent Advances in Numerical Methods for Multiscale Multiphysics Problems - Part II of II	
-	MS Uncertainty Quantification for Geophysical Problems	
-	MS Fast Kernel Methods for Integral Equations - Part I of II	
-	MS Fast Kernel Methods for Integral Equations - Part II of II	
-	MS Vortex Dynamics, Vortex-Body Interactions, and Free Boundary Problems - Part II of II	
-	MS High Performance Numerical Linear Algebra - Part I of II	
-	MS High Performance Numerical Linear Algebra - Part II of II	
-	MS Integral Equation-Based Methods for the Simulation of Time-Dependent Systems - Part I of II	
-	MS Integral Equation-Based Methods for the Simulation of Time-Dependent Systems - Part II of II	
-	MS AWM Workshop Panel: Perspectives and Advice from Women in Applied Mathematics	
-	MS New Quantitative Approaches to Understanding Leukemia	
-	MS Orthogonal Polynomials, Integrable Systems and Combinatorics - Part I of II	
-	MS Orthogonal Polynomials, Integrable Systems and Combinatorics - Part II of II	
-	MS Nonlinear Elliptic & Parabolic PDEs in Materials Science: A Minisymposium in Honor of Professor Patricia Bauman - Part I of IV	
-	MS Nonlinear Elliptic & Parabolic PDEs in Materials Science: A Minisymposium in Honor of Professor Patricia Bauman - Part II of IV	
-	MS Nonlinear Elliptic & Parabolic PDEs in Materials Science: A Minisymposium in Honor of Professor Patricia Bauman - Part III of IV	
-	MS Nonlinear Elliptic & Parabolic PDEs in Materials Science: A Minisymposium in Honor of Professor Patricia Bauman - Part IV of IV	
-	MS Recent Development in Modelling and Analysis of Epidemics - Part I of II	
-	MS Recent Development in Modelling and Analysis of Epidemics - Part II of II	
-	MS Basic Hypergeometric Series and q-Orthogonal Polynomials	
-	MS Backward Stochastic Differential Equations and Investment	
-	MS Optimal Transport and Applications in Finance and Economics	
-	MS Recent Advances in the Control of Partial Differential Equations - Part I of II	
-	MS Recent Advances in the Control of Partial Differential Equations - Part II of II	
-	MS Mean Field Games in Mathematical Finance	
-	MS Interplay between Mathematical Biology and Linear Algebra - Part I of II	
-	MS Interplay between Mathematical Biology and Linear Algebra - Part II of II	
-	MS Time Consistency and Model Uncertainty in Finance	
-	MS Disease Transmission and Control under Biological, Environmental and	

Data Complexities	20/7/8 Conference Program		
Applications		<u>Data Complexities</u>	
MS Symbolic Computation and Special Functions - Part I of II	-		
MS Symbolic Computation and Special Functions - Part II of II	-	MS Orthogonal Polynomials and Random Matrices	
MS Theoretical and Computational Multiscale Rheology.	-	MS Symbolic Computation and Special Functions - Part I of II	ĪĒ
MS Mathematical Modelling Approaches in Industrial Applications	-	MS Symbolic Computation and Special Functions - Part II of II	ĪĒ
MS AWM Workshop: Ignite	-	MS Theoretical and Computational Multiscale Rheology	ĪĒ
MS Mathematical Advances in Batteries - Part I of II	-	MS Mathematical Modelling Approaches in Industrial Applications	ĪĒ
MS Mathematical Advances in Batteries - Part II of II	-	MS AWM Workshop: Ignite	ĪĒ
MS Making Finite Elements Great Again: Theory. Implementation, and Enabling Technologies - Part I of II	-	MS Mathematical Advances in Batteries - Part I of II	ĪĒ
Enabling Technologies - Part I of II	-	MS Mathematical Advances in Batteries - Part II of II	ĪĒ
Enabling Technologies - Part II of II MS Beyond Active Fluids - Part I of II MS Beyond Active Fluids - Part II of II MS Infectious Diseases Modeling at the Interface of Ecology and Epidemiology. MS High Scale Eigenvalue Computation for Data Science - Part I of II MS High Scale Eigenvalue Computation for Data Science - Part II of II MS High Scale Eigenvalue Computation for Data Science - Part II of II MS Recent Advances in Tracer Transport at Small Scales MS19 Emerging Approaches for Analysis and Control of Stochastic, High Dimensional Dynamical Systems - Part II of II - CANCELLED MS25 Emerging Approaches for Analysis and Control of Stochastic, High Dimensional Dynamical Systems - Part II of II - CANCELLED CP CSFD: Turbulence CP Accepted Contributed Lectures CP CSFD: Analytical and Computational Methods CP CSFD: Instabilities CP CSFD: Miscellaneous CP CSFD: Non-Newtonian Flows	-		
MS Beyond Active Fluids - Part II of II	-		
MS Infectious Diseases Modeling at the Interface of Ecology and Epidemiology.	-	MS Beyond Active Fluids - Part I of II	ĪĒ
Epidemiology. MS High Scale Eigenvalue Computation for Data Science - Part I of II	-	MS Beyond Active Fluids - Part II of II	Ī
- MS High Scale Eigenvalue Computation for Data Science - Part II of II - MS Recent Advances in Tracer Transport at Small Scales - MS19 Emerging Approaches for Analysis and Control of Stochastic, High Dimensional Dynamical Systems - Part I of II - CANCELLED - MS25 Emerging Approaches for Analysis and Control of Stochastic, High Dimensional Dynamical Systems - Part II of II - CANCELLED - CP CSFD: Turbulence - CP Accepted Contributed Lectures - CP CSFD: Analytical and Computational Methods - CP CSFD: Instabilities - CP CSFD: Miscellaneous - CP CSFD: Non-Newtonian Flows	-		
- MS Recent Advances in Tracer Transport at Small Scales - MS19 Emerging Approaches for Analysis and Control of Stochastic, High Dimensional Dynamical Systems - Part I of II - CANCELLED - MS25 Emerging Approaches for Analysis and Control of Stochastic, High Dimensional Dynamical Systems - Part II of II - CANCELLED - CP CSFD: Turbulence - CP Accepted Contributed Lectures - CP CSFD: Analytical and Computational Methods - CP CSFD: Instabilities - CP CSFD: Miscellaneous - CP CSFD: Non-Newtonian Flows	- MS High Scale Eigenvalue Computation for Data Science - Part I of		ĪĒ
- MS19 Emerging Approaches for Analysis and Control of Stochastic, High Dimensional Dynamical Systems - Part I of II - CANCELLED - MS25 Emerging Approaches for Analysis and Control of Stochastic, High Dimensional Dynamical Systems - Part II of II - CANCELLED - CP CSFD: Turbulence - CP Accepted Contributed Lectures - CP CSFD: Analytical and Computational Methods - CP CSFD: Instabilities - CP CSFD: Miscellaneous - CP CSFD: Non-Newtonian Flows	-	MS High Scale Eigenvalue Computation for Data Science - Part II of II	ĪĒ
Dimensional Dynamical Systems - Part I of II - CANCELLED MS25 Emerging Approaches for Analysis and Control of Stochastic, High Dimensional Dynamical Systems - Part II of II - CANCELLED CP CSFD: Turbulence CP Accepted Contributed Lectures CP CSFD: Analytical and Computational Methods CP CSFD: Instabilities CP CSFD: Miscellaneous CP CSFD: Non-Newtonian Flows	-	MS Recent Advances in Tracer Transport at Small Scales	ĪĒ
Dimensional Dynamical Systems - Part II of II - CANCELLED CP CSFD: Turbulence CP Accepted Contributed Lectures CP CSFD: Analytical and Computational Methods CP CSFD: Instabilities CP CSFD: Miscellaneous CP CSFD: Non-Newtonian Flows	-		
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- CP CSFD: Analytical and Computational Methods - CP CSFD: Instabilities - CP CSFD: Miscellaneous - CP CSFD: Non-Newtonian Flows	-	CP CSFD: Turbulence	ĪĒ
- <u>CP CSFD: Instabilities</u> - <u>CP CSFD: Miscellaneous</u> - <u>CP CSFD: Non-Newtonian Flows</u>	-	CP Accepted Contributed Lectures	ĪΈ
- <u>CP CSFD: Miscellaneous</u> - <u>CP CSFD: Non-Newtonian Flows</u>	-	CP CSFD: Analytical and Computational Methods	ĪΈ
- <u>CP CSFD: Non-Newtonian Flows</u>	-	CP CSFD: Instabilities	ĪĒ
	-	CP CSFD: Miscellaneous	ĪĒ
	-	CP CSFD: Non-Newtonian Flows	ĪĒ
CP CSFD: Viscous Flows	-	CP CSFD: Viscous Flows	ĪĒ
- <u>CP CSFD: Waves</u>	-	CP CSFD: Waves	ĪĒ

N20 Home 2020 Program 9	<u>Hotel & Transportation</u>	Registration
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