

**USNCCM7 Technical Program at a Glance (tentative & subject to change)**

Revised 5/6/03	Monday, July 28			Tuesday, July 29			Wednesday, July 30		
Room	9:45 - 11:45	2:00 - 4:00	4:30 - 6:30	9:45 - 11:45	2:00 - 4:00	4:30 - 6:30	9:45 - 11:45	2:00 - 4:00	4:30 - 6:30
Acoma	Transport/ Reaction Systems 1	Transport/ Reaction Systems 2	Transport/ Reaction Systems 3	Immersed Boundary & Fictitious Domain 1	Immersed Boundary & Fictitious Domain 2	Advective Transport 1	Advective Transport 2	Advective Transport 3	Advective Transport 4
Cochiti	Turbulence Simulation 1	Turbulence Simulation 2	Turbulence Simulation 3	Free & Moving Boundaries 1	Free & Moving Boundaries 2	Free & Moving Boundaries 3	Free & Moving Boundaries 4	Free & Moving Boundaries 5	Free & Moving Boundaries 6
Apache	Advances in Flow Simulation 1	Advances in Flow Simulation 2	Advances in Flow Simulation 3	Advances in Flow Simulation 4	Innovations in Comp. Mechanics 1	Innovations in Comp. Mechanics 2	Free-Surface Flows 1	Free-Surface Flows 2	Free-Surface Flows 3
Isleta	Micro-/Nano-Fluidics 1	Micro-/Nano-Fluidics 2	Micro-/Nano-Fluidics 3	Wave Propagation 1	Wave Propagation 2	Wave Propagation 3	Wave Propagation 4		
Laguna	Incompressible CFD 1	Incompressible CFD 2	Incompressible CFD 3	Incompressible CFD 4	Complex Fluids 1	Complex Fluids 2	Complex Fluids 3	Complex Fluids 4	Complex Fluids 5
Jemez	Nonmatching & Moving Grids 1	Nonmatching & Moving Grids 2	Nonmatching & Moving Grids 3	Nonmatching & Moving Grids 4	Fluid Structure Interaction 1	Fluid Structure Interaction 2	Fluid Structure Interaction 3	Fluid Structure Interaction 4	
Nambe'	Hydrocode Technology 1	Hydrocode Technology 2	Hydrocode Technology 3	Hydrocode Technology 4	Structural Mechanics for DoD 1	Structural Mechanics for DoD 2	Structural Mechanics for DoD 3	Structural Mechanics for DoD 4	
Navajo	Bio Fluid Dynamics 1	Bio Fluid Dynamics 2	Cardiovascular Mechanics 1	Cardiovascular Mechanics 2	Computational Bioengineering 1	Computational Bioengineering 2	Computational Bioengineering 3	Computational Bioengineering 4	Computational Bioengineering 5
Sandia	Biological Tissues 1	Biological Tissues 2	Biological Tissues 3	Coupled Engineering Simulations 1	Coupled Engineering Simulations 2	Coupled Engineering Simulations 3	Coupled Engineering Simulations 4		
Santa Ana	High Performance Finite Element 1	High Performance Finite Element 2	High Performance Finite Element 3	High Performance Finite Element 4	Finite Calculus 1	Stabilized Finite Elements 1	Stabilized Finite Elements 2	Stabilized Finite Elements 3	Stabilized Finite Elements 4
Picuris	Discontinuous Galerkin Methods 1	Discontinuous Galerkin Methods 2	Discontinuous Galerkin Methods 3	Discontinuous Galerkin Methods 4	Discontinuous Galerkin Methods 5	Discontinuous Galerkin Methods 6	Differential Quadrature 1	Differential Quadrature 2	Differential Quadrature 3
Santo Domingo	p- & hp Finite Elements 1	p- & hp Finite Elements 2	p- & hp Finite Elements 3	p- & hp Finite Elements 4	p- & hp Finite Elements 5	A Posteriori Error 1	A Posteriori Error 2	A Posteriori Error 3	A Posteriori Error 4
Zuni	Contact Mechanics 1	Contact Mechanics 2	Contact Mechanics 3	Contact Mechanics 4	Contact Mechanics 5	Jointed Structures 1	Jointed Structures 2	Jointed Structures 3	Jointed Structures 4
Taos	Crisfield Memorial 1	Crisfield Memorial 2	Crisfield Memorial 3	Identification & Validation 1	Uncertainty Quantification 1	Uncertainty Quantification 2	Uncertainty Quantification 3	Uncertainty Quantification 4	Uncertainty Quantification 5
Tesuque	Inverse Problems 1	Inverse Problems 2	Inverse Problems 3	Inverse Problems 4	Inverse Problems 5	Infrastructures for Comp. Mechanics 1	Infrastructures for Comp. Mechanics 2	Infrastructures for Comp. Mechanics 3	Infrastructures for Comp. Mechanics 4
La Cienega	Crashworthiness & Impact 1	Crashworthiness & Impact 2	Crashworthiness & Impact 3	Crashworthiness & Impact 4	Crashworthiness & Impact 5	Crashworthiness & Impact 6	Structural Dynamics 1	Structural Dynamics 2	Structural Dynamics 3
Mesilla	Reservoir Geomechanics 1	Reservoir Geomechanics 2	Computational Geomechanics 3	Computational Geomechanics 4	Computational Geomechanics 5	Computational Geomechanics 6	Computational Geomechanics 7	Computational Geomechanics 8	Computational Geomechanics 9
Pecos	Functionally Graded Materials 1	Functionally Graded Materials 2	Functionally Graded Materials 3	Cohesive Models 1	Cohesive Models 2	Cohesive Models 3	Cohesive Models 4	Cohesive Models 5	Cohesive Models 6
Ruidos	Stochastic Fracture 1	Mechanism-based Fracture 1	Mechanism-based Fracture 2	Mechanism-based Fracture 3	Verification & Validation 1	Verification & Validation 2	Computational Defect Mechanics 1	Computational Defect Mechanics 2	Computational Defect Mechanics 3
San Miguel	Plastic Flow in Small Volumes 1	Plastic Flow in Small Volumes 2	Polycrystalline Plasticity 1	Polycrystalline Plasticity 2	Polycrystalline Plasticity 3	Dislocation Mechanics 1	Dislocation Mechanics 2	Dislocation Mechanics 3	Dislocation Mechanics 4
Tierjas	Design Optimization 1	Design Optimization 2	Design Optimization 3	Structural Optimization 1	Structural Optimization 2	Structural Optimization 3	Structural Optimization 4	Structural Optimization 5	Structural Optimization 6
Cimarron	Thin-Walled Structures 1	Thin-Walled Structures 2	Research Funding in Comp. Mech. 1	Developments in Multiscale Modeling 1	Developments in Multiscale Modeling 2	Developments in Multiscale Modeling 3	Developments in Multiscale Modeling 4	Developments in Multiscale Modeling 5	Developments in Multiscale Modeling 6
Dona Ana	Multiscale Material Modeling 1	Multiscale Material Modeling 2	Multiscale Material Modeling 3	Multiscale Material Modeling 4	Multiscale Material Modeling 5	Multiscale Material Modeling 6	Multiscale Material Modeling 7		
Aztec	Unstructured Mesh Generation PART I 1	Unstructured Mesh Generation PART I 2	Unstructured Mesh Generation PART I 3	Unstructured Mesh Generation PART I 4	Unstructured Mesh Generation PART I 5	Unstructured Mesh Generation PART I 6	Unstructured Mesh Generation PART I 7	Unstructured Mesh Generation PART I 8	Unstructured Mesh Generation PART I 9
Gallisteo	Belytschko Honorary Session 1	Sensitivity Analysis & Optimization 1	Terascale Simulations 1	Unstructured Mesh Generation PART II 1	Unstructured Mesh Generation PART II 2		Unstructured Mesh Generation PART II 3	Unstructured Mesh Generation PART II 4	
Ballroom A	Meshfree Methods - I 1	Meshfree Methods - I 2	Meshfree Methods - I 3	Meshfree Methods - I 4	Meshfree Methods - I 5	Meshfree Methods - I 6	Meshfree Methods - I 7	Meshfree Methods - I 8	Meshfree Methods - I 9
Ballroom B	Nanoscale Mechanics & Materials 1	Nanoscale Mechanics & Materials 2	Nanoscale Mechanics & Materials 3	Nanoscale Mechanics & Materials 4	Nanoscale Mechanics & Materials 5	Meshfree Methods - II 1	Meshfree Methods - II 2	Meshfree Methods - II 3	Meshfree Methods - II 4