SIAM Conference on Geometric and Physical Modeling (GD/SPM) At-A-Glance

Sunday, October 11	Monday, October 12	Tuesday, October 13	Tuesday, October 13	Wednesday, October 14

Sunday, October 11

4:00 PM - 7:00 PM
Registration
Canyons Lobby

5:00 PM - 7:00 PM
Welcome Reception
Arches

Monday, October 12

7:00 AM - 3:00 PM
Registration
Canyons Lobby

7:45 AM - 8:00 AM
Welcoming Remarks
Canyons

8:00 AM - 9:00 AM
IP1 3D Printing: Challenges and Opportunities for Geometric and Physical Modeling
Yong Chen, University of Southern California, USA
Canyons

9:00 AM - 9:30 AM
Coffee Break
Arches

9:30 AM - 11:30 AM
Concurrent Sessions
MS1 Design for Composites
Snowbird
MS2 Representation and Isogeometric Analysis - Part I of III
Brighton
MS3 Geometrical Big Data Sciences
Sundance
*PS1 Full Paper Presentations: Applications and Splines
Canyons

11:30 AM - 1:00 PM
Lunch Break
Attendees on their own

1:00 PM - 2:00 PM
IP2 Design to Manufacturing via Level Set Method
H. Alicia Kim, University of Bath, United Kingdom
Canyons

Monday, October 12

2:00 PM - 2:30 PM
Coffee Break
Arches

2:30 PM - 4:30 PM
Concurrent Sessions
MS4 The Ewald Quak Forward Looking Session
Canyons
MS5 Representation and Isogeometric Analysis - Part II of III
Brighton
*PS2 Full Paper Presentations: Segmentation and Meshing
Snowbird
CP1 Contributed Talks
Sundance

4:30 PM - 4:45 PM
Intermission

4:45 PM - 5:45 PM
PD1 The Ewald Quak Forward Looking Panel Discussion
Canyons

Tuesday, October 13

7:30 AM - 3:00 PM
Registration
Canyons Lobby

7:55 AM - 8:00 AM
Remarks
Canyons

8:00 AM - 9:00 AM
IP3 Power and Challenges of Simplicity
Jarek Rossignac, Georgia Institute of Technology, USA
Canyons

9:00 AM - 9:30 AM
Coffee Break
Arches

Tuesday, October 13

9:30 AM - 11:30 AM
Concurrent Sessions
MS6 Intrinsic Methods for Surface Meshing and Processing
Canyons
MS7 Distance-related Computations on Freeform Geometric Models
Snowbird
*MS8 Representation and Isogeometric Analysis - Part III of III
Brighton
CP2 Contributed Talks
Sundance

11:30 AM - 1:00 PM
Lunch Break
Attendees on their own

1:00 PM - 2:00 PM
IP4 Engineering Through Abstractions
Vadim Shapiro, University of Wisconsin, Madison, USA
Canyons

2:00 PM - 2:30 PM
Coffee Break
Arches

2:30 PM - 4:30 PM
Concurrent Sessions
MS9 Topological Methods in Geometric and Physical Modeling
Snowbird
MS10 Numerical Integration Schemes for Isogeometric Discretizations
Brighton
*PS3 Full Paper Presentations: Contacts and Geometry
Canyons
CP3 Contributed Talks
Sundance

4:30 PM - 4:45 PM
Intermission

Tuesday, October 13

4:45 PM - 5:30 PM
SIAG/GD Business Meeting
Complimentary wine and beer will be served.
Canyons

5:30 PM - 6:00 PM
SMA Business Meeting
Canyons

6:30 PM - 8:30 PM
Conference Dinner Banquet
(*optional fee event; ticket required*)
Wasatch
Tickets are available at the SIAM registration desk for $46.50 each until 12:00 PM on Monday, October 12. Tickets will not be sold after this time.

Wednesday, October 14

7:30 AM - 3:00 PM
Registration
Canyons Lobby

7:55 AM - 8:00 AM
Remarks
Canyons

8:00 AM - 9:00 AM
IP5 When Solid Modeling Stopped Being Solid: Custom Materials and Additive Processes
Jan H. Vandenbrande, Defense Advanced Research Projects Agency, USA
Canyons

9:00 AM - 9:30 AM
Coffee Break
Arches

9:30 AM - 11:30 AM
Concurrent Sessions
MS11 Geometric Modeling and Processing in Additive Manufacturing - Part I of II
Snowbird

Wednesday, October 14

MS12 Isogeometric Analysis on Complex Geometries - Part I of II
Brighton
PS4 Full Paper Presentations: Implicits and Constraints
Canyons
CP4 Contributed Talks
Sundance

11:30 AM - 1:00 PM
Lunch Break
Attendees on their own

1:00 PM - 2:00 PM
IP6 C^1 Isogeometric Spaces on Multipatch Geometries
Giancarlo Sangalli, University of Pavia, Italy
Canyons

2:00 PM - 2:30 PM
Coffee Break
Arches

2:30 PM - 4:30 PM
Concurrent Sessions
MS13 Geometric Modeling and Processing in Additive Manufacturing - Part II of II
Snowbird
MS14 Isogeometric Analysis on Complex Geometries - Part II of II
Brighton
MS15 Perspective Projection in Conformal Clifford Algebras
Sundance

4:30 PM - 4:45 PM
Intermission

4:45 PM - 5:00 PM
SMA Best Paper Awards Presentation
Canyons

5:00 PM - 5:15 PM
Closing Remarks
Canyons

Sheraton Salt Lake City
Hotel Floor Plan

SUITE #194

TO GUEST ROOMS

POOL AREA

SAUNA & HOT TUB

COURTYARD

NORTH STAR

TO MAIN LOBBY

ALTA

BRIGHTON

SNOWBIRD

POWDER MOUNTAIN

SOLITUDE

SUNDANCE

DEER VALLEY

REST ROOMS

ORION

MEZZANINE LEVEL

CONVENTION OFFICE

LOWER LEVEL

EAST PARKING

EMIGRATION

WASATCH

ARCHES

PARLEYS

MILLCREEK

THE CANYONS

CANYONS LOBBY

LITTLE COTTONWOOD

CITY CREEK

WILDCAT

EXEC BOARD ROOM

SIDEWINDER

BRYCE

BIG COTTONWOOD

TO MAIN LOBBY

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Open Here

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