



Wednesday, January 23

Teams Travel to Austin, TX (AUS airport) and check into hotel (Courtyard Austin Downtown/Convention Center: 300 E 4th St, Austin, TX)

2-6 PM	Onsite Registration <i>Teams to submit Modeling & Simulation Event Presentation & Sponsorship Pitch Backgrounder at Registration; Sign up for Waiver & Freescale office hours; Sign up for Freescale FAB Tours</i>	Courtyard Austin Downtown
5 PM	GRA & Assistantship Reception <i>By Invitation Only – Organizers/Sponsors, Faculty Advisors, Engineering GRA, Business Managers, Communications Manager invited to attend</i>	“Gatehouse,” 1st Floor - Courtyard Austin
6:45 PM	Depart for Welcome Night – Teams to Drive on Own <i>Abel’s on the Lake - 3825 Lake Austin Blvd Austin, TX 78703</i>	
7 PM	Winter Workshop Welcome Night <i>7 PM Arrive 7:30 - 8:15 PM Buffet Dinner 8:15 PM Welcome Remarks – Kristen De La Rosa, EcoCAR 2 Director, Argonne National Laboratory Santhosh Jogi, Director of Engineering, dSPACE, Inc. Andy Mastronardi, Global Director of University Programs, Freescale 8:45 PM Wrap Up</i>	Lower Deck, Abel’s on the Lake
9:00 PM	Conclude & Return to Hotel	

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Thursday, January 24

7AM Depart hotel for Freescale - 6501 Wm Cannon Blvd, Austin, Texas 78735

7:30AM Breakfast
Engineering GRAs and Comm. Managers to turn in their posters to the registration desk by 8 AM

Freescale Cafeteria

Time	Opening Plenary Session – Freescale Auditorium, 3rd Fl All students, faculty and organizers
8 AM	Welcome <i>Connie Bezanson, Education & Outreach Manager, Office of Vehicle Technologies, Energy Efficiency and Renewable Energy, U.S. DOE</i> <i>Jim Kolhoff - Global Chief Engineer, Transmission & Hybrid Controls, General Motors</i> <i>Kevin Kott - President, dSPACE</i> <i>Gregg Lowe - CEO and President, Freescale</i>
8:15 AM	Looking Ahead to Competition Finals – Year 2 Competition Schedule <i>Kristen De La Rosa, ANL</i>
8:45 AM	Proving Ground Rules and Details <i>Chris Hengesh, GM Desert Proving Ground</i> <ul style="list-style-type: none">• Location• Road System Layout• Building Area Layout• Proving Ground Rules• Driving Conduct• Team Member Conduct• Attire• Cell Phones/Camera Policy• Available equipment and services• Local resources/parts availability

9:30 – 3PM **Sponsor Success Video & Blog Post Judging (Judges Only)**

Momentum 2, 1st Fl, Freescale

9:30 AM **Break**
Communication Managers meet in lobby to depart for Outreach Day activities

Time	Technical Overview Session, <i>Auditorium, 3rd Fl.</i>	Competition Event Session, <i>Barton Creek 1-3, 3rd Fl.</i>	Freescale Training <i>Carlsbad 1-2, 3rd Fl.</i>	Business Managers, <i>Trinity Room, 2nd FL</i>	Communications Managers, <i>Offsite</i>
9:45 AM	Shipping Details & GM Updates <i>Dan Mehr & Chris Hengesh, GM</i> <ul style="list-style-type: none"> Shipping Timeline State of the vehicle Pallet requirements Penalty Blue Dollars 	Dynamic Events <i>Steve Gurski, GM</i> <ul style="list-style-type: none"> Queue Procedure ORSE Max Lat Autocross DCA Acceleration & Braking Gradeability 	<i>John Cotner, Freescale</i>	Remaining Year Two Deliverables <i>Cindy Svestka & Carol Johnson, GM & Nicole Lambiase, ANL</i> <ul style="list-style-type: none"> Business Results Report Business Presentation 	<p style="text-align: center;">Outreach Day <i>Covington and Murchison Middle Schools</i></p>
10:45 AM	Year Two Event Rules <i>Nicole Lambiase, Brian Benoy, Patrick Walsh, ANL</i> <ul style="list-style-type: none"> Progress Report 3 Final Technical Report 			Sponsorship Tactics and Negotiating Techniques Role Play Activities <i>Kristen De La Rosa, ANL</i>	
11:15 AM	Non-Year Specific Rules <i>Jesse Alley, ANL</i> <ul style="list-style-type: none"> Updates SSL Decals Q&A 			Vehicle Design Review <i>Dan Mehr, GM</i> <ul style="list-style-type: none"> Overview Presentation Content Event Guidelines Scorecard 	

12 PM Lunch

Freescale Cafeteria

12:20 PM Engineering GRA Presentations (VT, CSULA, OSU, CSU, UW, NCSU, UWAFT, PSU, WSU, Purdue)

Freescale Cafeteria

Time	Technical Overview Session, Auditorium, 3 rd Fl.	Competition Event Session, Barton Creek 1-3, 3 rd Fl.	Freescale Training Carlsbad 1-2, 3 rd Fl.	Leadership Training (Team Leaders, Business Managers, Faculty), Trinity Room, 2 nd Fl.	Communications Managers, Offsite
1 PM	Safety & Technical Inspections <i>Jesse Alley & Brian Benoy, ANL, Steven Boyd, DOE</i> <ul style="list-style-type: none"> • Log Sheet • Pre-Competition Inspections <ul style="list-style-type: none"> ○ Schedule ○ Procedure ○ Scoring • Competition Inspections <ul style="list-style-type: none"> ○ Procedure ○ Lessons Learned • Fueling /Weighing • Q&A 	Emissions & Energy Consumption Event <i>Patrick Walsh, ANL</i> <ul style="list-style-type: none"> • Simplified J1711 Measurement and Calculation Method for Energy Consumption • Event Logistics • Data Acquisition System • Q&A 	<i>John Cotner, Freescale</i>	Working in a Virtual Environment <i>Jim Kolhoff, GM</i>	Outreach Day <i>Covington and Murchison MS</i>
1:45 PM				How to Handle Stress Successfully <i>John Haraf, GM</i>	
2:30 PM				Leadership Succession Planning <i>Cindy Svestka, GM</i>	
3 PM	Break				
3:15 PM	Sustainability in Engineering <u>Moderator:</u> <i>Elise Keddie, California Air Resources Board</i> <u>Panelists:</u> <i>Edgar Farrera, Circuit of the Americas; Matthew Crosby, Electric Vehicles & Emerging Technologies, Austin Energy; Dub Taylor, Texas State Energy Conservation Office; Cindy Svestka, General Motors Brewster McCracken, Pecan Street</i>	Mechanical Presentation <i>Ed Argalas, GM</i> <ul style="list-style-type: none"> • Overview • Presentation Content • Event Guidelines • Scorecard 	Freescale Training Cont.		Communication Manager Poster Presentation - Cafeteria <ul style="list-style-type: none"> • Ohio State • Victoria • CSU LA • Penn State • Colorado State
3:45 PM		Static Consumer Acceptability <i>Dan Mehr, GM</i> <ul style="list-style-type: none"> • Overview • Presentation Content • Event Guidelines • Scorecard 			Communication Manager Poster Presentation - Cafeteria <ul style="list-style-type: none"> • Mississippi State • Purdue • Embry Riddle • Washington

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4:15 PM		Electrical Presentation <i>Steve Gurski, GM</i> <ul style="list-style-type: none"> • Overview • Presentation Content • Event Guidelines • Scorecard 			<ul style="list-style-type: none"> • Rose-Hulman • Virginia Tech • NCSU • Waterloo • Wayne State • UT Knoxville
4:45 PM		Controls Presentation <i>Steve Gurski, GM</i> <ul style="list-style-type: none"> • Overview • Presentation Content • Event Guidelines • Scorecard 			

5:15 PM Return to Hotel and Evening on Your Own

Friday, January 25

7AM Depart for Freescale

7:30 AM Breakfast

Freescale Cafeteria

Time	Modeling & Simulation Judging <i>Barton Creek 1-2, 3rd Fl.</i>	GM APM/HVAC Open Q&A <i>Freescale Cafeteria</i>	GM LE9/LUJ Office Hours – <i>Steve Gurski, GM, St. Andrews, 3rd Fl.</i>	Freescale Office Hours <i>Momentum 2, 1st Fl.</i>	Waivers Q&A <i>Freescale Cafeteria</i>	Communications Managers, <i>Trinity, 2nd Fl</i>	Sponsorship Pitch & Table Top Display Judging <i>Barton Creek 3, 3rd Fl.</i>
8AM	Judge Briefing	<i>Chris Twarog, GM</i>	CSULA	<i>John Cotner, Freescale</i>	<i>Ed Argalas & Hung Nyugen, GM & Jesse Alley, ANL</i>	Remaining Year Two Deliverables <i>Kimberly DeClark, ANL & Lynda Palombo, NRCan</i>	Judge Briefing
8:20 AM							WSU
8:40 AM	CSULA		UTK			Clean Cities Workforce Development Program <i>Amanda McAlpin & Dana Bubonovich, ANL</i>	

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9 AM							Waterloo
9:20 AM	Break						
9:30 AM	CSU	Continued	RHIT	Continued	Continued	PR Profession: Building Your Personal Brand <i>Melissa Robinson, Weber Shandwick and Dave Barthmuss, GM</i>	Washington
9:50 AM							VT

10 AM – 11:30 AM

Freescale FAB Tour #1

Meet in Freescale Auditorium

10:10 AM	ERAU	Continued	MSU	Continued	Continued	Social Media Trends & Strategies <i>Melissa Robinson, Weber Shandwick and Dave Barthmuss, GM</i>	UVic
10:30 AM							UTK
10:50 AM	Break						
11 AM	MSU	Continued	UVic	Continued	Continued	Crisis Communications Case Study <i>Dave Barthmuss, GM</i>	RHIT
11:20 AM			Waterloo				Purdue
11:40 AM	NCSU						PSU
12 PM							OSU

12:20 PM Lunch

Freescale Cafeteria

12:40 PM Engineering GRA Presentations (Purdue, MSU, UTK, ERAU, RHIT, UVic)

Freescale Cafeteria

1:00 – 2:30PM Freescale FAB Tour #2

Meet in Freescale Auditorium

vFinal

Time	Modeling & Simulation Judging <i>Barton Creek 1-2, 3rd Fl.</i>	Magna Office Hours, <i>Momentum 2, 1st Fl</i>	GM LE9/LUJ Office Hours – <i>Steve Gurski, GM, St. Andrews, 3rd Fl.</i>	Waivers Q&A <i>Freescale Cafeteria</i>	CD-Adapco Office Hours and Open Q&A <i>Capitol Room, 3rd Fl.</i>	GKN Office Hours. <i>Bear Creek, 3rd Fl.</i>	Communications Managers, <i>Trinity Room, 2nd Fl</i>	Sponsorship Pitch & Table Top Display Judging <i>Barton Creek 3, 3rd Fl.</i>					
1 PM	OSU	CSULA	VT	<i>Ed Argalas & Hung Nyugen, GM & J. Alley, ANL</i>	<i>Katie Zbierajewski, CD- adapco</i>	Washington	Communications Round Table for Communications Managers	NCSU					
1:20 PM								MSU					
1:40 PM	PSU	Purdue	WSU			Waterloo		ERAU					
2 PM								CSU					
2:20 PM	Break												
2:30 PM	Purdue	NCSU	Open Q&A	Continued	Continued	ERAU	PR Panel <i>Panelists: Andy North, Freescale, Dave Barthmuss, GM, Melissa Robinson, Weber Shandwick, Julie Loignon, COTA</i>	CSULA					
2:50 PM								Judge Debrief – Barton Creek 3					
3:10 PM	RHIT	UVic								Open Q&A			
3:50 PM												Break	
4 PM	UTK	PSU	Continued	Continued									
4:20 PM													
4:40 PM	UVic												
5 PM													

5:20 PM Depart for Hotel

5:30 – 7 PM Sponsor & Team Displays Set-Up for Sponsor Social

Rio Grande & Brazos Ballroom, 2nd Fl - Courtyard Marriott

7:30 PM Sponsor Social
Strolling Reception/Dinner, Open Sponsor & Team Displays

Rio Grande & Brazos Ballroom, 2nd Fl - Courtyard Marriott

10:00 PM Conclude

vFinal

Saturday, January 26

7AM Depart for Freescale

7:30 AM Breakfast

Freescale Cafeteria

Time	Modeling & Simulation Judging <i>Barton Creek 1-2, 3rd Fl.</i>	Waivers Q&A <i>Momentum 2, 3rd Fl.</i>	Communications Managers 1 on 1, <i>Bear Creek, 3rd Fl.</i>	Business Managers 1 on 1, <i>Town Lake, 2nd Fl</i>	Project Management Training (Team Leaders, Faculty, Business Managers), <i>Trinity Room, 2nd Fl.</i>
8AM	VT	<i>Ed Argalas & Hung Nyugen, GM & Jesse Alley, ANL</i>	CSULA	WSU	Picking the right person for the job and vice versa - Rich Maltzman & Dave Shirley, EarthPM
8:40 AM	Washington		CSU	Waterloo	
9:20 AM	Waterloo		ERAU	UW	Motivation - Rich Maltzman & Dave Shirley, EarthPM
10 AM	WSU		MSU	VT	High Performance Teams Rich Maltzman & Dave Shirley, EarthPM

10:40 AM Break

10:50 AM – 12PM Modeling & Simulation Judge Debrief

Capitol Room, 3rd Fl.

Time	QNX Center Stack Training, <i>Carlsbad 1-2</i>	dSPACE Training, <i>Barton Creek 3</i>	Waivers Q&A <i>Momentum 2</i>	Communication Managers 1on1, <i>Bear Creek</i>	Business Managers 1on1, <i>Town Lake, 2nd Fl.</i>	Project Management Training, <i>Trinity Room</i>
10:50 AM	<i>Marc Lapierre, QNX</i>	<i>Christian Sauerland, Joe Cassar, Tobias Eifler, dSPACE</i>	<i>Ed Argalas & Hung Nyugen, GM; Jesse Alley, ANL</i>	NCSU	UVic	Collaboration Training Rich Maltzman & Dave Shirley, EarthPM <ul style="list-style-type: none"> Stakeholder connections OBS and how it works with the WBS Building a powerful RAM
11:30 AM				OSU	UTK	

12:00 PM Lunch

Freescale Cafeteria

vFinal

Time	QNX Center Stack Training, Carlsbad 1-2, 3 rd Fl.	dSPACE Training, Barton Crk, 3, 3 rd Fl.	AVL DRIVE Software Training, Walnut Creek, 2 nd Fl	Waivers Q&A Momentum 2, 1 st Fl	Communication Managers 1on1, Bear Creek, 3 rd Fl.	Business Managers 1on1, Town Lake, 2 nd Fl.	Project Management Training, Trinity Room, 2 nd Fl	Faculty Round Table, Barton Creek 1-2, 3 rd Fl.
1 PM	Continued	Continued	<i>Phil Shaw, AVL & Martin Steinbacher, AVL</i> • Vehicle configuration & setup • Drive quality data analysis • How to analyze your vehicle's driveability	<i>Ed Argalas & Hung Nyugen, GM & Jesse Alley, ANL</i>	PSU	RHIT	Responding to Risk Deep Dive <i>Rich Maltzman & Dave Shirley, EarthPM</i>	Faculty advisors to report on successes and challenges
1:40 PM					Purdue	Purdue		
2:20 PM					RHIT	PSU	What Does Automated Software Offer a Project Team? <i>Cont'd</i>	
3 PM	BREAK							
3:15 PM	Continued	Continued	Continued	Continued	UTK	OSU	Round Table Teams to bring specific issues to discuss	Continued
3:55 PM					UVic	NCSU		
4:35PM					VT	MSU		

5:05 PM Depart for Hotel

6:45 PM Depart for Evening Event – Maggie Mae’s
323 E 6th St, Austin

7:00 PM Evening Event - *Sponsored by Freescale & dSPACE*

7:00 PM Dinner & Music

8:00 PM Workshop Video

8:05 PM Remarks- Santhosh Jogi, dSPACE, Inc. and Andy Mastronardi, Freescale

Maggie Mae’s

10 PM Conclusion

vFinal

Sunday, January 27

7:15 AM Check out of Hotel & Depart for Circuit of the Americas

7:45 AM Breakfast Banquet Velocity Lounge, Main Grandstand, Circuit of the Americas (COTA)

8:15 AM Welcome Remarks & Intro to COTA Edgar Farrera, Director of Sustainability, COTA

8:25 AM Engineering within GM Racing Audley Brown, Director - Diesel Powertrain Driveability Calibration & Validation, GM

8:45 AM DOE Green Racing Program P.T. Jones, Oak Ridge National Laboratory

9:00 AM Logistics for your Day at the Track Kristen De La Rosa

- Logistics for events at COTA
- Engineering GRA and Communications Manager Poster Prize Announcements

9:05 AM Teams Move to below tracks

Time	COTA Tours Shuttles Meet in Parking Lot A	E&EC Demo, Adjacent to Grandstand Jim Tulpa, GM; Patrick Walsh, ANL	AVL DRIVE Demo, Adjacent to Grandstand Roger Madsen, GM; Phil Marson, GM	Team Photo COTA Location Outdoor Main Grandstand	Communications Managers 1 on 1, Legacy Suite, Main Grandstand	Business Managers 1 on 1, Founders Suite, Main Grandstand
9:10 AM	MSU, NCSU, OSU	CSULA, CSU	WSU, UWAFT		Washington	ERAU
9:30 AM		ERAU, PSU	UW, VT	UWAFT		
9:50 AM	PSU, Purdue, RHIT	MSU, NCSU	UVic, UTK	VT, WSU	Waterloo	CSU
10:10 AM		OSU, UTK	MSU, NCSU	UVic, CSULA		
10:30 AM	UTK, UVic, VT	Purdue, RHIT	OSU, PSU	CSU, ERAU	WSU	CSULA
10:50 AM		WSU, UWAFT	Purdue, RHIT	UW, NCSU		
11:10 AM	WSU, UWAFT, UW	UVic, VT	CSULA, CSU	UTK, MSU		
11:30 AM			ERAU	Purdue, RHIT		
11:50 AM		CSULA, CSU, ERAU	UW			

12:15 PM BOX LUNCH

Velocity Lounge, Main Grandstand – COTA

1:15 PM Depart for Airport