



Computer Science Building, Colorado State University

Sponsor:

Aspect-Oriented Software Association (AOSA)

Host:

Department of Computer Science, Colorado State University



Directions to the conference venue

The Lory Student Center (LSC) is the venue for the technical sessions, coffee breaks, lunches, and reception. If you are staying at the Hilton, walk about 0.6 miles (11 minutes) along the blue dashed line on the map provided on page 2. If you are staying at the Best Western University Inn, walk about 0.5 miles (10 minutes) along the red dashed line.

The Hilton will provide a shuttle for their guests to reach the conference venue and back. Guests will be picked up from the Hilton at 8:00 AM and 8:30 AM on March 16, 17, 18, and 19, as well as at 5:45 PM on March 17 for the reception. Guests will be picked up from the Transit Center at LSC at 5:15 PM on March 16, 17, and 19, as well as 1:45 PM on March 18.

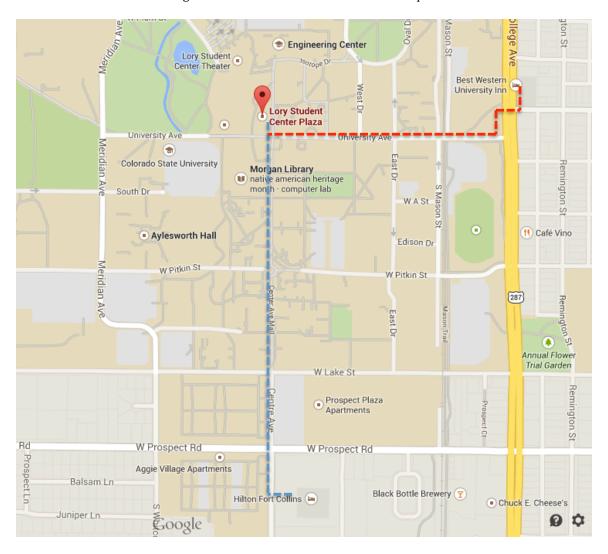
If you are driving, you can park in the parking lot marked in grey, left of the Morgan Library. Paid parking is available at spots categorized as "Pay to park". A limited number of parking permits valid

for the entire duration of the conference will be available at the registration table each day. These permits can be used for parking at any of the 'A' parking spots in the same parking lot.

The MAX Rapid Transit Service goes north-south along South Mason Street and Mason Trail. The station closest to the Hilton is the one just north of Mason Trail and Prospect Road. The next stop north is the one on Mason and University Avenue, which is close to the Lory Student Center. The MAX service can be used to go further north to the old town area, where you can find a number of restaurants and shops. The last stop for the MAX is a couple of blocks from the CSU Energy Institute, Powerhouse campus.

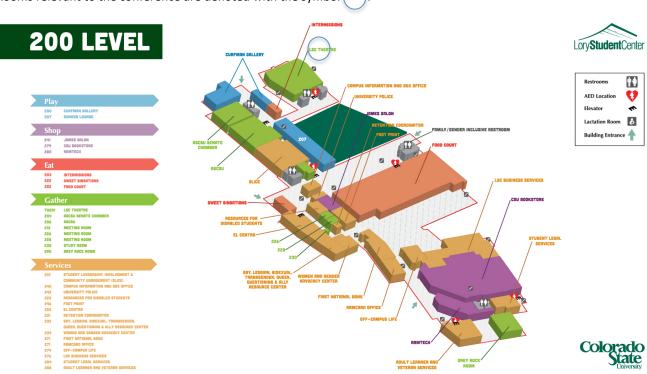
Rides have been arranged for attendees who expressed interest in going on a tour of the Powerhouse campus of the Colorado State University Energy Institute on Tuesday, March 17. Vehicles will load at 8 AM in the parking lot west of the Morgan Library, and leave at 8:10 AM for the tour site. The tour begins at 8:30 AM. We will leave the tour site around 9:45 AM to get back to campus in time for the coffee break.

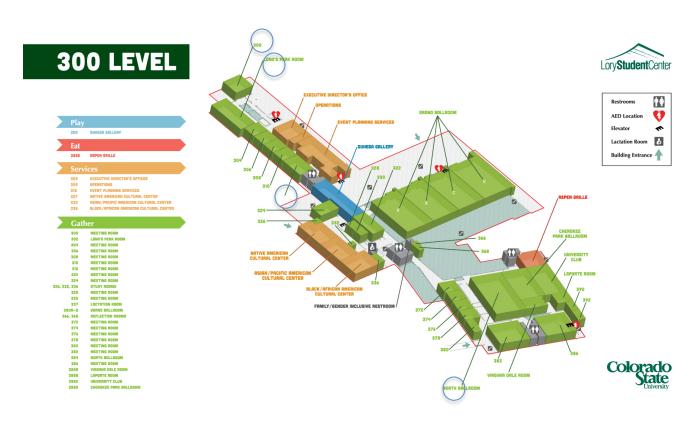
The banquet will be held offsite at the Sylvan Dale Ranch, 2939 N Co Rd 31D, Loveland, CO 80538. A bus will pick up attendees from the Best Western University Inn and the Hilton, and take them to the ranch. Attendees will be brought back to the same hotels after the banquet.



Lory Student Center Maps

Rooms relevant to the conference are denoted with the symbol





Program at a Glance

	Monday	Tuesday		Wednesday		Thursday		
	16 March	17 March		18 March		19 March		
	FOAL (Theater 1st floor)	MDS (Theater 1 st floor)	SRC (Theater 2nd floor)	Modularity		Modularity		
8:00-8:30	Registration (Theater Foyer)							
8:30-9:00	Welcome			Opening announcements (Theater)		Opening announcements (Theater)		
9:00-9:30	Keynote:	Tour of CSU Energy Institute		Keynote: Peter D. Mosses (Theater)		Keynote: Don Batory (Theater)		
9:30-10:00	John Boyland	mstitute						
10:00-10:30	Coffee break	Coffee break SRC poster (2		(Coffee break (foyer) poster (2nd floor)		Coffee break (foyer) poster (2 nd floor)	
10:30-11:00	Research	Keynote:			Research Track: Software	SRC Presenta- tions Theater	Research Track:	Demo
11:00-11:30	Track: Inward	Siddharth Suryanarayanan		Research Track: Language			Formal Methods 1 (Theater)	session (LSC 300)
11:30-12:00	Keynote:	Q&A		Design Papers	Engineering Papers			۵)
12:00-12:30	Robert Hirschfield	Brainstorming		LSC 300	LSC 312		Panel (Theater)	
12:30-1:00								
1:00-1:30	Lunch (North Ballroom)							
1:30-2:00								
2:00-2:30	Research	Working		Excursion to Sylvandale Ranch Pick up from		Keynote: Joanne M. Atlee		
2:30-3:00	Track: Onward	groups start			- Best Western University Inn: 2:00 I - Hilton: 2:15 PM		(Theater)	
3:00-3:30	Coffee break (foyer)	Coffee break SRC poster (2				Coffee brea	ak (foyer)	
3:30-4:00	Keynote:	Working		Grab-and-go snacks, assorted sodas on arrival		Research Track:	Position	
4:00-4:30	Yu David Liu	groups continue			arrivai		Formal Methods 2 (Theater)	Papers (LSC 300)
4:30-5:00	Discussion	Working Group		Activities: Horse drawn wagon rides, guided hikes, pool table, game room, horseshoe throwing.				
5:00-5:30		Briefing and Discussion						
5:30-6:00								
6:00-6:30								
		Confere	Conference					
6:30-7:00		Conference Reception Longs Peak Dining						
7:00-7:30				Banquet at Sylvandale Ranch Awards				
7:30-8:00	Steering	Steering Committee dinner meeting (Laporte Room)			11warus			
8:00-8:30	Committee dinner meeting							
8:30-9:00	(Café Vino)			Bus starts lo hotels.	ading at 8:45 PM	to return to		
							-	

Program details: Monday, March 16

FOAL'15 will be held in the Lory Student Center Theater.

8:00-8:30	Registration Location: Theater foyer		
8:30-9:00	Welcome to FOAL'15 Session chair: Gary T. Leavens		
9:00-10:00	Keynote: John Boyland, University of Wisconsin–Milwaukee: Modular Reasoning about Aliasing using Permissions Session chair: Henrique Rebêlo		
10:00-10:30	Coffee break Location: Theater foyer		
10:30-11:30	Research Track: Inward (30 minutes each paper) Session chair: Hidehiko Masuhara		
	Enforcing Information Hiding in Interface Specifications: A Client-Aware Checking Approach (Henrique Rebêlo; Gary T. Leavens)		
	Essential Retroactive Weaving (Robin Salkeld; Ronald Garcia)		
11:30-12:30	Keynote: Robert Hirschfeld, Hasso-Plattner-Institute: Recent Developments in Context-oriented Programming Session chair: David H. Lorenz		
12:30-2:00	Lunch Location: North Ballroom		
2:00-3:00	Research Track: Onward (30 minutes each paper) Session chair: Henrique Rebêlo		
	Towards Separation of Concerns in Flow-Based Programming (Bahram Zarrin; Hubert Baumeister)		
	Towards Modular Instrumentation of Interpreters in JavaScript (Florent Marchand de Kerchove; Jacques Noyé; Mario Südholt)		
3:00-3:30	Coffee break Location: Theater foyer		
3:30-4:30	Keynote: Yu David Liu, SUNY at Binghamton: Modular Performance Reasoning of Data-Intensive Programs Session chair: Hidehiko Masuhara		
4:30-5:00	Discussion Session chair: Gary T. Leavens		

Program details: Tuesday, March 17

The morning tour conducted by the MDS'15 organizers will be held at the Energy Institute of Colorado State University. Technical sessions for MDS'15 will be held in the Lory Student Center (LSC) Theater.

SRC poster presentations will occur during coffee breaks on the $2^{\rm nd}$ floor of the LSC Theater.

8:00-8:10	Pick of from parking lot for people who communicated their interest to go on the sustainability facility tour.	
8:00-8:30	Registration Location: Theater foyer	
8:30-10:00	MDS workshop tour to the sustainable facilities at Colorado State University, Energy Institute	
10:00-10:30	Coffee break in the <i>Theater foyer</i> SRC poster presentations on 2^{nd} floor of Theater	
10:30-11:30	Keynote: Siddharth Suryanarayanan, Colorado State University	
11:30-12:00	Q&A	
12:00-12:30	Brainstorming on how MDE and Modularity can support sustainability	
12:30-2:00	Lunch Location: North Ballroom	
2:00-3:00	Working groups start	
3:00-3:30	Coffee break in the <i>Theater foyer</i> SRC poster presentations on 2^{nd} floor of Theater	
3:30-4:30	Working groups continue	
4:30-5:00	Working groups briefing and discussion	
6:00-7:30	Reception Location: Longs Peak Dining	

List of SRC Posters

- A Language Workbench for Creating Production-Ready Extensions to AspectJ (Arik Hadas)
- Uncovering the Practice of Feature Scattering (Leonardo Passos)
- Towards Separation of Concerns in Scientific Workflows (Bahram Zarrin)
- Towards Language Interfaces for DSLs Integration (Thomas Degueule)

Program details: Wednesday, March 18

8:00-8:30	Registration				
	Location: Theater foyer				
8:30-9:00	Opening announcements				
9:00-10:00	Location: Theater Keynote: Peter D. Mosses				
9.00-10.00	A Component-Based Approach to Semantics				
	Location: Theater				
10:00-10:30	Coffee break (Theater foyer)				
	Poster presentations (Theater 2 nd floor)				
10:30-12:30	Research track:	Research Track:	SRC presentations		
	Language design papers	Software Engineering Papers			
	Location: LSC 300	Location: LSC 312	Location: Theater		
	Session chair: Walter Cazzola	Session chair: Hridesh Rajan	Session chair: Jeff Gray		
	(30 minutes each paper)	(30 minutes each paper)	(25 minutes each presentation)		
	Dynamically Composing	AspectMatlab++: Annotations,	A Language Workbench for		
	Languages in a Modular Way:	Types and Aspects for	Creating Production-Ready		
	Supporting C Extensions for	Scientists (Andrew Bodzay;	Extensions to AspectJ, Arik		
	Dynamic Languages	Laurie Hendren)	Hadas		
	(Matthias Grimmer;				
	Chris Seaton; Thomas		Uncovering the Practice of		
	Würthinger; Hanspeter)		Feature Scattering, Leonardo		
	Consumition d I make Antiquetion	InvaDAC a Inva Library for	Passos		
	Generalized Layer Activation Mechanism Through Contexts	JavaRAG: a Java Library for Reference Attribute	Towards Separation of Concerns		
	and Subscribers	Grammars (Niklas Fors;	in Scientific Workflows. Bahram		
	(Tetsuo Kamina;	Gustav Cedersjö; Görel Hedin)	Zarrin		
	Tomoyuki Aotani;	dustav dedersjo, dorer nedmj	Zurin		
	Hidehiko Masuhara)		Towards Language Interfaces		
			for DSLs Integration, Thomas		
	Structured Synchronous Reactive	Architecture-Sensitive Heuristics	Degueule		
	Programming with Céu	for Prioritizing Critical Code			
	(Francisco Sant'Anna;	Anomalies (Everton Guimaraes;			
	Roberto Ierusalimschy;	Alessandro Garcia;			
	Noemi Rodriguez)	Yuanfang Cai)			
		Feature Scattering in the Large:			
		A Longitudinal Study of Linux			
		Kernel Device Drivers			
		(Leonardo Passos;			
		Jesús Padilla; Thorsten Berger;			
		Sven Apel; Krzysztof Czarnecki;			
10.00.0.00		Marco Valente)			
12:30-2:00	Lunch Location: North Ballroom				
2:00-3:00	Excursion to Sylvandale Ranch.				
2.00 3.00	Pick up from Best Western (2:00)	PM) and Hilton (2:15 PM)			
3:00-6:30	Activities at Sylvandale Ranch				
6:30-8:45	Banquet and Awards at Sylvandale Ranch				
8:45-9:00	Bus loads at 8:45 PM to return to hotels.				

List of Posters

- A Structure of A C# Framework ContextCS based on Context-Oriented Programming (Ikuta Tanigawa, Nobuhiko Ogura, Midori Sugaya, Harumi Watanabe and Kenji Hisazumi)
- Invariant Checking Driven Co-slicing of Metamodel and Model (Wuliang Sun, Benoit Combemale and Robert France)
- Composition Challenges for Sensor Data Visualization (Ivan Logre, Sebastien Mosser and Michel Riveill)
- Modeling Requirements for Model-driven Engineering of Large Software Solutions Needing a Modular Approach (Dan Matheson)
- First Class Domain Specific Aspect Languages (Arik Hadas and David Lorenz)

Program details: Thursday, March 19

8:00-8:30	Registration				
	Location: Theater foyer				
8:30-9:00	Opening announcements				
	Location: Theater				
9:00-10:00 Keynote: Don Batory					
	A Theory of Modularity for Automated Software Dev	relopment			
	Location: Theater				
10:00-10:30	Coffee break (Theater foyer)				
10.00.11.00	Poster presentations (Theater 2nd floor)				
10:30-11:30	Research Track:	Demo Session:			
	Formal Methods Papers Session 1	Consider their Dhilings Collet			
	Session chair: Gary T. Leavens Location: Theater	Session chair: Philippe Collet			
		Location: LSC 300 (20 minutes each demo)			
	(30 minutes each paper)	(20 minutes each demo)			
	Panini: A Concurrent Programming Model for	Subjective, Multi-Dimensional Modularity with			
	Solving Pervasive and Oblivious	Korz (Harold Ossher, David Ungar and Doug			
	Interference (Mehdi Bagherzadeh; Hridesh Rajan)	Kimelman)			
	interjerence (Menui Bagnerzaden, midesh Kajan)	Kimemanj			
	Dynamic Dispatch for Method Contracts through	A Language Workbench for Implementing Your			
	Abstract Predicates (Wojciech Mostowski;	Favorite Extension to AspectJ (Arik Hadas and			
	Mattias Ulbrich)	David Lorenz)			
	Tractical ordering	2414 201012)			
		Feature Modelling and Traceability for Concern-			
		Driven Software Development with TouchCO			
		(Matthias Schöttle, Nishanth Thimmegowda, Omar			
		Alam, Jörg Kienzle and Gunter Mussbacher)			
11:30-12:30	Panel				
	Title: Separation of Concerns: What Comes Next?				
	Moderator: Somayeh Malakuti				
	Panelist: Mehmet Aksit, Don Batory, Cristina Lopes, Harold Ossher				
		Location: Theater			
12:30-2:00	Lunch Location: North Ballroom				
2:00-3:00	Keynote: Joanne M. Atlee				
2.00-3.00	Feature Modularity				
	Location: Theater				
3:00-3:30	Coffee break (Theater foyer)				
3:30-4:30	Research Track:	Position Papers			
5.50 1.50	Formal Methods Papers Session 2	1 ostaon 1 upers			
	Session chair: Henrique Rebêlo	Session chair: Gary T. Leavens			
	Location: Theater	Location: LSC 300			
	(30 minutes each paper)	(15 minutes each paper)			
	Modular Reasoning in the Presence of Event				
	Subtyping (Mehdi Bagherzadeh; Robert Dyer; Rex	On Liberating Programs from the von Neumann			
	D. Fernando; Hridesh Rajan; Jose Sanchez)	Architecture via Event-based			
		Modularization (Somayeh Malakuti and Mehmet			
		Aksit)			
		Demanding First-Class Equality for Domain Specific			
		Aspect Languages (Arik Hadas and David Lorenz)			
	A Programming Model and Framework for				
	Comprehensive Dynamic Analysis on	Visualization Algorithms for Feature Models in			
	Android (Haiyang Sun; Yudi Zheng;	Concern-Driven Software Development (Nishanth			
	Lubomír Bulej; Alex Villazón; Zhengwei Qi;	Thimmegowda and Jörg Kienzle)			
	Petr Tůma; Walter Binder)	Challanges on Coffeenant Helical Control			
		Challenges on Software Unbundling: Growing and			
	Letting Go (João Bosco Ferreira Filho, Mathieu				
		Acher and Olivier Barais)			