2019 PROGRAM AT-A-GLANCE

TUESDAY 22 OCTOBER

Blrm A	Blrm B	Blrm C	Rm 1	Rm 2+3	Rm 8+15
VIS Welcome (8:30–8:45AM) VGTC Technical Awards (8:45–9:00AM) Test of Time Awards (9:00–10:00AM) VIS Best Papers (10:00–11:00AM) @ Ballroom ABC [AP]					

Break (11:00–11:20 AM)

Blrm A	Blrm B	Blrm C	Rm 1	Rm 2+3	Rm 8+15
VIS Keynote (11:20AM–12:20PM) Data Visualization Literacy Katy Börner, Indiana University @ Ballroom ABC [AP]					

Lunch Break (12:20–2:20PM)

Blrm A	Blrm B	Blrm C	Rm 1 (SHORT PAPERS)	Rm 2+3 (PANEL)	Rm 8+15
VAST Opening ----------- A Tour of VAST [DS]	InfoVis Opening ----------- Provocations [AP]	SciVis Opening ----------- Scalar Topology [SS]	Short Papers Opening ----------- Novel Interfaces [UX]	Exploring Reproducibility in Vis	SciVis Contest [SS]

Break (3:50–4:10PM)

Blrm A	Blrm B	Blrm C (SHORT PAPERS)	Rm 1	Rm 2+3 (APP SPOTLIGHT)	Rm 8+15
VIS Meets Machine Learning [DS]	Features & Topology	Bias & Patterns [AP]	Systems & Design Studies	Vis Enabled Scientific Discovery	Supporters Presentations [AP]

Rm 1	Rm 8+15
Art Opening (6:30–9:00PM) @ South Foyer & Rm 1	Celebration of Life Luana Micallef (6:30–7:30PM)

WEDNESDAY 23 OCTOBER

Blrm A	Blrm B	Blrm C	Rm 1 (SHORT PAPERS)	Rm 2+3	Rm 8+15
Multiscale Vis [DJ]	Drawing Nodes & Edges	Flow [SS]	Perception, Cognition, & Vis Design [UX]	VizSec	VISAP Session 1

Break (10:40–11:00AM)

Blrm A	Blrm B	Blrm C	Rm 1 (APP SPOTLIGHT)	Rm 2+3	Rm 8+15
Evaluation & Reproducibility [UX]	Animation & Sport [DJ]	Multivariate & Multidimensional Data	Does AI mean data vis is dead? [DS]	VizSec	CG&A Session 1

ReVISe Town Hall (12:20–2:20PM) @ Blrm A

Lunch Break (12:20–2:20PM)

Blrm A	Blrm B	Blrm C	Rm 1 (SHORT PAPERS)	Rm 2+3	Rm 8+15 (PANEL)
(De)Construction [UX]	Immersion & Virtual Environments [UX]	Planning & Situational Awareness [DS]	VIS Meets Machine Learning [DS]	VizSec	Top Research Questions for Empirical Studies in Vis

Break (3:50–4:10PM)

FF (Thu & Fri Sessions) (4:10–5:40PM) @ Ballroom AB [AP]

Posters + Networking + Hiring events (5:45–7:00PM) @ Exhibit Hall A [AP]

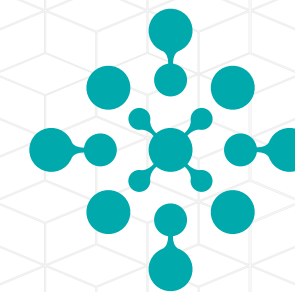VIS Dinner Reception (7:00–9:00PM) @ Ballroom ABC

THURSDAY 24 OCTOBER

Blrm A	Blrm B	Blrm C	Rm 1	Rm 2+3	Rm 8+15
XAI & Fairness [DS]	Vis for Software & Systems	Large Data & Dimensionality Reduction	BioVis Challenge [BP]	VISAP Session 2	SIGGRAPH Session

Break (10:40–11:00AM)

Blrm A	Blrm B	Blrm C	Rm 1	Rm 2+3
Scatterplots [DS]	Volume Vis [SS]	Geovis	BioVis Challenge [BP]	CG&A Session 2

Lunch Break (12:20–2:20PM)

Blrm A	Blrm B	Blrm C	Rm 1 (SHORT PAPERS)	Rm 2+3 (PANEL)
Ensembles & Uncertainty [SS][DS]	Interactive Machine Learning [DS]	Infographics & Storytelling [DJ]	Biology, Chemistry, & Medicine [BP]	VA, Past, Present & Future

Break (3:50–4:10PM)

Blrm A	Blrm B	Blrm C	Rm 1 (SHORT PAPERS)	Rm 2+3 (APP SPOTLIGHT)
Vis in Medicine [BP]	Words & Documents	What's the Difference?	Multi-Dimensional Data, Time Series, Graphs, & Trees	Knowledge-assisted VA meets Guidance & Onboarding [UX]

FRIDAY 25 OCTOBER

Blrm A	Blrm B	Blrm C	Rm 1 (SHORT PAPERS)	Rm 2+3 (APP SPOTLIGHT)
Influencers [DS]	Color [UX]	Searching & Querying [UX]	Scalar, Vector, & Tensor Fields [SS]	Feature-based Visual Interactive Systems to Optimize Decision Making

Break (10:40–11:00AM)

VIS Capstone (11:00AM–12:00PM) Visualizing Temporality & Chronologies for the Humanities Johanna Drucker, UCLA @ Ballroom ABC

VIS Closing (12:00–12:30PM) @ Ballroom ABC

Time markers: 8:30AM, 9:00AM, 11:00AM, 11:20AM, 12:20PM, 2:20PM, 3:50PM, 4:10PM, 5:40PM, 7:00PM, 9:00PM, 10:40AM

15th IEEE VAST Conference
26th IEEE InfoVis Conference
30th IEEE SciVis Conference

VIS 2019
PROGRAM AT-A-GLANCE

20–25 October 2019
Vancouver, BC, Canada

www.ieeevis.org

IEEE · IEEE Computer Society · vgtc

Additional

Posters
Located in Exhibit Hall A
Sunday—Thursday, 9:00 AM–6:00 PM

Exhibitions
Located in Exhibit Hall A
Tuesday, 11:00 AM–Thursday, 4:10 PM

VIS Arts Program
Located in South Foyer
Exhibition, Tuesday—Thursday, 9:00 AM–6:00 PM
Art Opening, Tuesday, 6:30PM–9:00PM located in South Foyer & Room 1

VisInPractice Practitioner Guide

Use this key to attend recommended sessions for Practitioners.
See the full practitioner guide at visinpractice.github.io

AP All Practitioners	BP Biomedical Practitioners
DS Data Scientists	DJ Data Journalists & Science Communicators
UX User Experience Practitioners	SS Simulation Scientists

2019 PROGRAM AT-A-GLANCE

SUNDAY 20 OCTOBER

	Blrm A	Blrm B	Blrm C	Rm 1	Rm 2	Rm 3	Rm 8	Rm 15
				WORKSHOP	TUTORIAL	WORKSHOP	TUTORIAL	WORKSHOP
9:00AM	VDS **DS**	VAHC **BP**	VIS4DH	2nd Workshop on Urban Data Visualization (CityVis) — Focus: The Role of the Citizen	Topological Data Analysis Made Easy with the Topology ToolKit, A Sequel **SS**	SetVA: Set Visual Analytics	Visualizing Multivariate Networks **AP**	Workshop on Visualization for Communication (VisComm) **DJ**
10:30AM	Break (10:30–10:50AM)							
10:50AM	VDS **DS**	VAHC **BP**	VIS4DH					
12:20PM	Lunch Break (12:20–2:20PM)							
				WORKSHOP	TUTORIAL	WORKSHOP	TUTORIAL	APP SPOTLIGHT
2:20PM	VDS **DS**	VAHC **BP**	VIS4DH	Vis X Vision: Workshop on Novel Directions in Vision Science & Visualization Research	VTK-m - A Tool-Kit for Scientific Visualization on Many-Core Processors **SS**	MLUI 2019: Machine Learning from User Interactions for Visualization & Analytics **DS** **UX**	Better Presentations for Visualization Research	Visualization in Meteorology & Climate Sciences: Recent Research & Open Challenges
3:50PM	Break (3:50–4:10PM)							
								APP SPOTLIGHT
4:10PM	VDS **DS**	VAHC **BP**	VIS4DH					Visual Analysis of Air & Maritime Trajectory Data
5:40PM								
7:00PM	Vis Opening Reception (7:00–9:00PM) @ Exhibit Hall A							
9:00PM								

MONDAY 21 OCTOBER

	Blrm A	Blrm B	Blrm C	Rm 1	Rm 2	Rm 3	Rm 8	Rm 15	
				WORKSHOP	TUTORIAL	WORKSHOP	TUTORIAL	TUTORIAL	
9:00AM	LDAV **SS**	VisInPractice **AP**	VAST Challenge **DS**	DSIA 2019: Data Systems for Interactive Analysis **DS**	Visual Analysis & Design **AP**	Evaluation of Interactive Visual Machine Learning Systems (EVIVA-ML) **DS**	Statistical Data Representation, Visualization, & Uncertainty Analysis **SS**	Beyond Paper Types: How to Evaluate & Communicate VIS Research Contributions	9:00AM
10:30AM	Break (10:30–10:50AM)								10:30AM
10:50AM	LDAV **SS**	VisInPractice **AP**	VAST Challenge **DS**						10:50AM
12:20PM	Lunch Break (12:20–2:20PM)								12:20PM
				WORKSHOP	TUTORIAL	WORKSHOP	TUTORIAL	APP SPOTLIGHT	
2:20PM	LDAV **SS**	VisInPractice **AP**	VAST Challenge **DS**	Challenges in Multilayer Network Visualization & Analysis	Visualization for Social Good **DJ**	2nd Workshop on Visualization for AI Explainability (VISxAI) **DS** **DJ**	User-Centred Evaluation in Visualization **UX**	Visualization Software Development for Researchers & End Users **BP**	2:20PM
3:50PM	Break (3:50–4:10PM)								3:50PM
								APP SPOTLIGHT	
4:10PM	LDAV **SS**	VisInPractice **AP**	VAST Challenge **DS**					Visualization Paradigms in the Renewable Energy Space **DJ**	4:10PM
5:40PM									5:40PM
7:00PM	Fast Forward (Tue & Wed Sessions) (6:00–7:30PM) @ Ballroom AB								7:00PM
9:00PM									9:00PM

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