

# VIS 2018 SCHEDULE

## SUNDAY, 21 OCTOBER

Time	Conv 1, Sec C	Conv 1, Sec D	Estrel A	Estrel B	Estrel C	Room II	Room III	Room Paris
9:00 AM	BELIV: Evaluation and Beyond—Methodological Approaches for Visualization							
10:40 AM BREAK 11:00 AM								
12:40 PM								
LUNCH								
2:20 PM		LDAV: Large Data Analysis and Visualization <b>SS</b>	VAST Challenge <b>DS</b>	Tutorial: Introduction to IATK: An Immersive Visual Analytics Toolkit <b>UX</b>	Workshop: 3rd Workshop on Visualization for the Digital Humanities	Tutorial: Everything Except the Chart 2018 <b>AP</b>	Workshop: Toward a Design Language for Data Physicalization <b>UX</b>	Workshop: Visualization for Communication (VisComm) <b>DJ</b>
4:00 PM BREAK 4:20 PM				Tutorial: Comparative Visualization: Interactive Designs and Algorithms Depending on Data and Tasks <b>AP</b>		Tutorial: Recent Feature Tracking Techniques <b>SS</b>	Workshop: DSIA: Data Systems for Interactive Analysis <b>DS</b>	Tutorial: Topological Data Analysis Made Easy with the Topology Toolkit (TTK) <b>SS BA</b>
6:00 PM								
7:00 PM	VIS Opening Reception (7:00–9:00 PM) @ Foyers							
9:00 PM								

## MONDAY, 22 OCTOBER

Time	Conv 1, Sec C	Conv 1, Sec D	Estrel A	Estrel B	Estrel C	Room II	Room III	Room Paris
9:00 AM	VizSec: Visualization for Cyber Security							
10:40 AM BREAK 11:00 AM								
12:40 PM								
LUNCH								
2:20 PM		VDS: Visualization in Data Science <b>DS</b>	VisInPractice <b>AP</b>	BioVis Challenge <b>SS BA</b>	Tutorial: Urban Trajectory Data Visualization	Workshop: VisGuides: 2nd Workshop on the Creation, Curation, Critique and Conditioning of Principles and Guidelines in Visualization	Workshop: VISREG - Visual Summarization and Report Generation	Workshop: Machine Learning from User Interaction for Visualization and Analytics <b>DS</b>
4:00 PM BREAK 4:20 PM					Tutorial: Cost-benefit Analysis in Visualization: Theory and Practice	Tutorial: Storyboards for Science: Combining the Visual and Verbal to Create Engaging Communication <b>DJ</b>	Tutorial: Visualization for AI Explainability (VISXAI) <b>DS</b>	
6:00 PM								
7:00 PM	Fast Forward (Tue & Wed Sessions) (6:15–7:15 PM) @ Conv 1, Sec C							
9:00 PM								

## TUESDAY, 23 OCTOBER

Time	VAST Conv 1, Sec C	INFOVIS Conv 1, Sec D	SCIVIS Estrel A+B	VIS Estrel C
8:30 AM	VIS Welcome (8:30–8:45 AM)			
9:00 AM	VGTCT Technical Awards (8:45–9:00 AM) Test of Time Awards (9:00–10:00 AM) VIS Best Papers (10:00–11:00 AM) @ Conv 1, Sec C+D			
10:40 AM BREAK 11:00 AM	BREAK (11:00–11:20 AM)			
12:40 PM	VIS Keynote (11:20 AM–12:20 PM) @ Conv 1, Sec C+D When Visualization Met Augmented Reality Dieter Schmalstieg, Graz University of Technology			
LUNCH 12:20–2:05 PM	LUNCH (12:20–2:05 PM)			
2:05 PM	VAST Opening	InfoVis Opening	SciVis Opening	Panel: Succeeding by Failing: The Iceberg in VIS Careers
2:20 PM	Evaluation and Theory	Multiple Dimensions	Flow Features	
4:00 PM BREAK 4:20 PM	BREAK			
6:00 PM	Spatio-Temporal Data	Evaluation & Applications <b>AP</b>	Biological Applications <b>BA</b>	Supporters Presentations <b>AP</b>
7:00 PM	VIS Arts Program Opening Event (7:00–9:00 PM) @ Room 1, Sec C			Celebration of Life: Georges Grinstein (6:15–7:15 PM) @ Estrel C
9:00 PM				

# VIS 2018 SCHEDULE

## WEDNESDAY, 24 OCTOBER

	VAST Conv 1, Sec C	INFOVIS Conv 1, Sec D	SCIVIS Estrel A+B	VIS Estrel C	VIS Room IV
9:00 AM	Ensemble and Provenance <b>DS</b>	Time	Biomedical Visualization <b>BA</b>	VAST: Text <b>DS BA</b>	VisAP: Arts Program Session 1: Arts and Society
10:40 AM BREAK	BREAK				
11:00 AM	Applications <b>AP</b>	Graphs & Trees	Volume Visualization	InfoVis: Devices: Small & Large <b>UX</b>	CG&A Session 1
12:40 PM	Restructuring IEEE VIS for the Future (1:00–2:20 PM) @ Conv 1, Sec C		LUNCH		
LUNCH					
2:20 PM	High Dimensional Data <b>DS</b>	Text & Communication <b>AP</b>	Space and Physics <b>SS</b>	SciVis Contest <b>SS</b>	Panel: Perspectives in Color Research for Scientific Visualization
4:00 PM BREAK	BREAK				
4:20 PM	<b>AP</b> Fast Forward (Thu & Fri Sessions) (4:20–5:20 PM) @ Estrel A+B				
6:00 PM	<b>AP</b> Posters + Networking + Hiring events (5:20–7:00 PM) @ Foyers				
7:00 PM	VIS Dinner Banquet (7:00–9:00 PM) @ Conv 1, Sec C+D				
9:00 PM					

## THURSDAY, 25 OCTOBER

	VAST Conv 1, Sec C	INFOVIS Conv 1, Sec D	SCIVIS Estrel A+B	VIS Estrel C	VIS Room IV
9:00 AM	Security, Privacy, and Anomaly	Immersive Analytics <b>UX</b>	Tensors	VAST: Interactive Analytics and Design <b>DS</b>	VisAP: Arts Program Session 2: Paths and Memories
10:40 AM BREAK	BREAK				
11:00 AM	Deep Learning <b>DS</b>	Design & Storytelling <b>DJ</b>	Scalable Techniques <b>SS</b>	InfoVis: Interaction <b>UX</b>	CG&A Session 2 <b>SS BA</b>
12:40 PM	LUNCH		VIS 2019 Kick-off Meeting (1:00–2:20 PM) @ Estrel C		
LUNCH					
2:20 PM	Graph and Image	Perception & Cognition 1	Topology, Geometry, and Precision	SciVis Short: Visual Abstractions, Perceptual Study and Immersive Vis <b>SS UX</b>	Panel: Meet the Founders: How to Start and Sustain a Business in the Vis Space <b>AP</b>
4:00 PM BREAK	BREAK				
4:20 PM	Explainable ML <b>DS</b>	Perception & Cognition 2	Interaction and Multivariate Data <b>UX</b>	SciVis Short: Flow, Astrophysics, and Computationally Intensive Data Vis	

## FRIDAY, 26 OCTOBER

	VAST Conv 1, Sec C	INFOVIS Conv 1, Sec D	SCIVIS Estrel C	
9:00 AM	Event, Sequence, and ML <b>DS</b>	Uncertainty & Error	Time-varying Data <b>SS</b>	9:00 AM
10:40 AM BREAK	BREAK			10:40 AM BREAK
11:00 AM	<b>AP</b> VIS Capstone (11:00 AM–12:00 PM) Can I Believe What I See? — Information-Theoretic Algorithm Validation Joachim M. Buhmann, <i>ETH Zurich</i> <b>AP</b> VIS Closing (12:00–12:30 PM) @ Conv 1, Sec C			11:00 AM
12:40 PM				12:40 PM
LUNCH				LUNCH
2:20 PM				2:20 PM

### VisInPractice Practitioner Guide

Use this key to attend recommended sessions for Practitioners. See the full practitioner guide at <http://visinpractice.org>.

- AP** All Practitioners
- DS** Data Science and Machine Learning
- BA** Biomedical Applications
- DJ** Data Journalism & News Graphics
- UX** User Experience, Human Factors, and Interaction Design
- SS** Simulation Science

### Posters

Located in Foyer 1 & Foyer Estrel Hall  
Sunday—Thursday, 9:00 AM–6:00 PM

### Exhibitions

Located in Foyer 3  
Tuesday—Thursday, 10:40 AM–6:00 PM

### VIS Arts Program

Located in Room Paris  
Opening, Tuesday 7:00 PM  
Exhibition, Wednesday—Thursday, 9:00 AM–6:00 PM

