

# FSCD 2022



*Nachum*



Haifa, Israel



Technion, Mt. Carmel

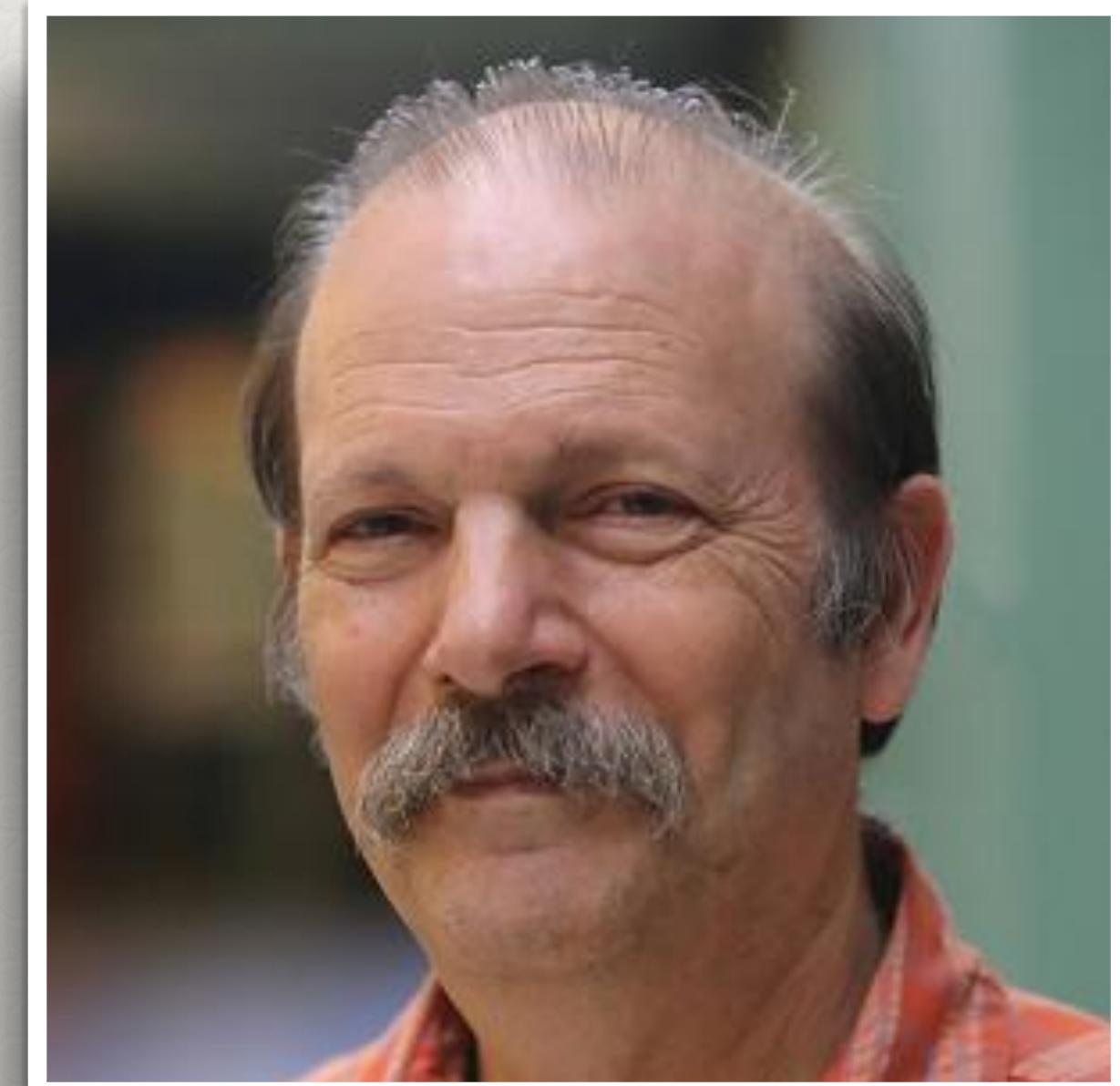


July-August 2022

**FLoC**

# Federated Logic Conference

**FLoC**





July 31, 2022 – August 12, 2022

Technion  
Haifa, Israel



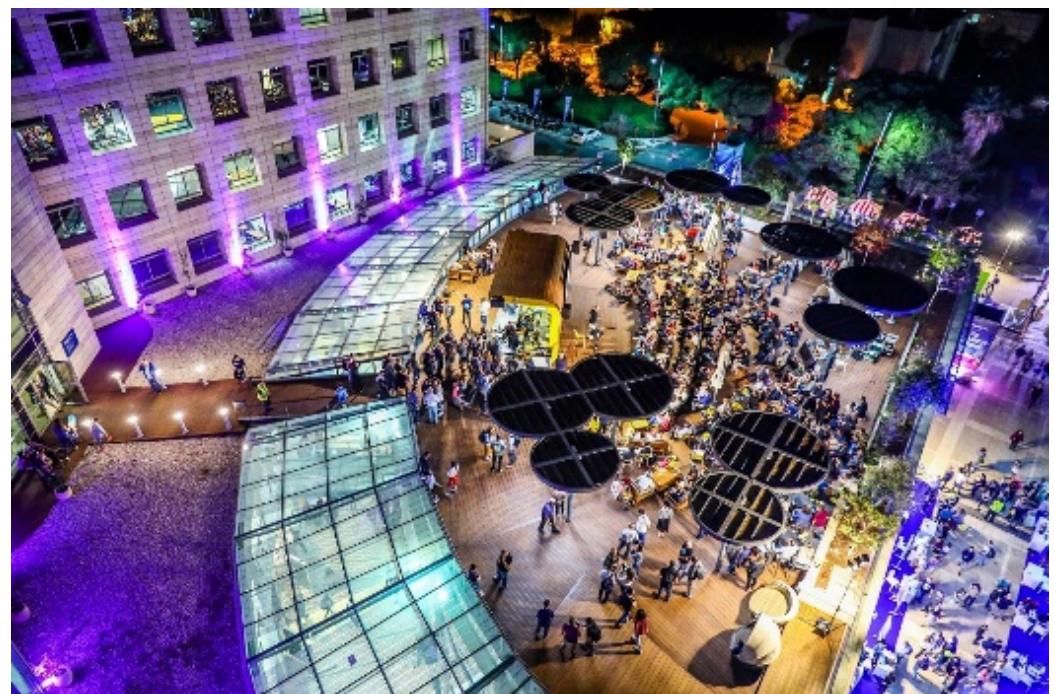
*<https://twitter.com/FLoC2022>*



The Henry and Marilyn Taub  
Faculty of Computer Science

# Facilities

- Over 10 lecture halls and 40 classrooms
- All rooms are air-conditioned
- All in several adjacent buildings on campus



# Accommodation

## Hotels

- Hotels are spread out in neighborhoods in Haifa
- We made block reservations
- Shuttles will be provided

## University Residence

- On-campus dorms for students
- Students will be offered rooms at excellent value

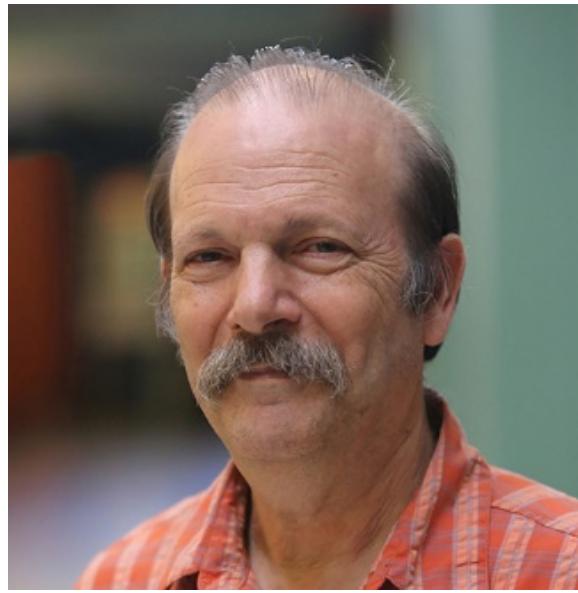
# Steering Committee

General Chair



Alexandra Silva

Advisory Chair



Moshe Vardi

Local Co-chairs



Orna Grumberg



Eran Yahav

Daniel Kroening (CAV)

Emmanuel Hebrard (CP)

Ante Ēderek (CSF)

Delia Kesner (FSCD)

Marco Gavanelli (ICLP)

Franz Baader (IJCAR)

Lawrence Paulson (ITP)

Gerhard Lakemeyer (KR)

Dale Miller (LICS)

Armin Biere (SAT)

**FLoC'96**

In 1996, as part of its Special Year on Logic and Algorithms, DIMACS hosted the first Federated Logic Conference, which brought together four synergistic conferences:

1996

**CADE**  
13th Conference on Automated Deduction

**CAV**  
8th Conference on Automated Verification

**LICS**  
11th IEEE Symposium on Logic in Computer Science

**RTA**  
7th Conference on Rewriting Techniques and Applications

**FLoC'99**

The 1999 Federated Logic Conference was held in Trento, Italy. It included the four original conferences:

1999

**CADE**  
**CAV**  
**LICS**

**RTA**  
+  
15 affiliated workshops

**FLoC'02**

The 2002 Federated Logic Conference took place in Copenhagen. It merged CADE, CAV, LICS and RTA with:

2002

**FM**  
11th Formal Methods Europe symposium

**ICLP**  
18th International Conference on Logic Programming

**TABLEAUX**  
11th Conference on Automated Reasoning with Analytic Tableaux and Related Methods

+  
31 affiliated workshops

**FLoC'06**

The 2006 Federated Logic Conference was held in Seattle. In addition to CAV, LICS, RTA and ICLP, it combined:

2006

**IJCAR**  
3rd International Joint Conference on Automated Reasoning, itself a merger of CADE, TABLEAUX and other meetings

**SAT**  
9th Conference on Theory and Applications of Satisfiability Testing

+  
41 affiliated workshops

**FLoC'10**

The 2010 Federated Logic Conference was held in Edinburgh. In addition to CAV, ICLP, IJCAR, LICS, RTA and SAT, it included:

2010

**CSF**  
23rd Computer Security Foundations Symposium

**ITP**  
1st International Conference on Interactive Theorem Proving, itself a combination of 23rd TPHOLs (Theorem Proving in Higher Order Logics) and the 9th ACL2 Workshop

+  
48 affiliated workshops

**FLoC'14**

The 2014 Federated Logic Conference was the nucleus of the Vienna Summer of Logic. As well as CAV, CSF, ICLP, IJCAR, ITP and SAT, it included:

2014

**CSL-LICS**  
Joint meeting of LICS and 23rd EACSL Annual Conference on Computer Science Logic

**RTA-TLCA**  
Joint meeting of RTA and 12th International Conference on Typed Lambda Calculi and Applications

**SAT/SMT School**

+  
70 affiliated workshops

**FLoC'18**

The 2018 Federated Logic Conference will be held in Oxford, UK. In addition to CAV, CSF, LICS, ICLP, IJCAR, ITP and SAT, the conference will again include FM and:

2018

**FSCD**  
3rd International Conference on Formal Structures for Computation and Deduction, a merger of RTA and TLCA

**FoPSS**  
School on Foundations of Programming and Software

+  
Affiliated workshops

**FLoC'22**

FLoC will continue to build on the success of its past conferences and the continuing impact of logic on computer science.

2022

While the first FLoC conferences have been chaired by Moshe Vardi, in future they will be overseen by ACM-SIGLOG, ACM Special Interest Group on Logic and Computation.

# FLoC



◆ *LICS*

◆ *CAV*

◆ *CADE* ↗ *IJCAR*

◆ *RTA* ↗ *FSCD*

◆ *SAT*

◆ *ICLP*

◆ *ITP*

◆ *CSF*

◆ *KR*

◆ *CP*

# Schedule at a Glance

Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
31.7.22	1.8.22	2.8.22	3.8.22	4.8.22	5.8.22	6.8.22	7.8.22	8.8.22	9.8.22	10.8.22	11.8.22	12.8.22
Pre-FLoC workshops	Pre-FLoC workshops	FLoC Conference Block 1				Excursion	FLoC Conference Block 2				Post-FLoC workshops	Post-FLoC workshops
		Workshop dinner	CP	CP	CP	CP		CAV	CAV	CAV	CAV	Workshop dinner
			FSCD	FSCD	FSCD	FSCD		CSF	CSF	CSF	CSF	
			ICLP	ICLP	ICLP	ICLP		DL	DL	DL	DL	
			VP	VP	VP	VP		IJCAR	IJCAR	IJCAR	IJCAR	
			LICS	LICS	LICS	LICS		ITP	ITP	ITP	ITP	
			SAT	SAT	SAT	SAT		NMR	NMR	NMR		
			FLoC reception	Walking tours	FLoC banquet			FLoC reception	Walking tours	FLoC banquet		

# Workshops

*Call for FSACD 2022 SATELLITE WORKSHOP PROPOSALS*

*Deadline: September 27, 2021*

*...CL&C, GeoCat, HDRA, HOR, HoTT/UF, IFIP WG, ITRS,  
IWC, LFMTP, LSFA, Linearity/TLLA, SCOT, SD,  
TERMGRAPH, UNIF, WPTE, WST, WiL...*



# Latest Update



- ◆ Authors expected to be physically present, but exceptions will be made
- ◆ Interactive activities will be organized: poster sessions, interactive sessions, social events, short talks
- ◆ If this optimistic plan turns out impossible (pandemic or political), then it will go virtual/hybrid, delaying a physical conference to 2023

# My 2¢



- ◆ *Arnon Avron is IJCAR chair*
- ◆ *We all look forward to a "healthy" conference in 2022*

# ACTIVE CASES

