

FSCD 2022

Nachum



Haifa, Israel



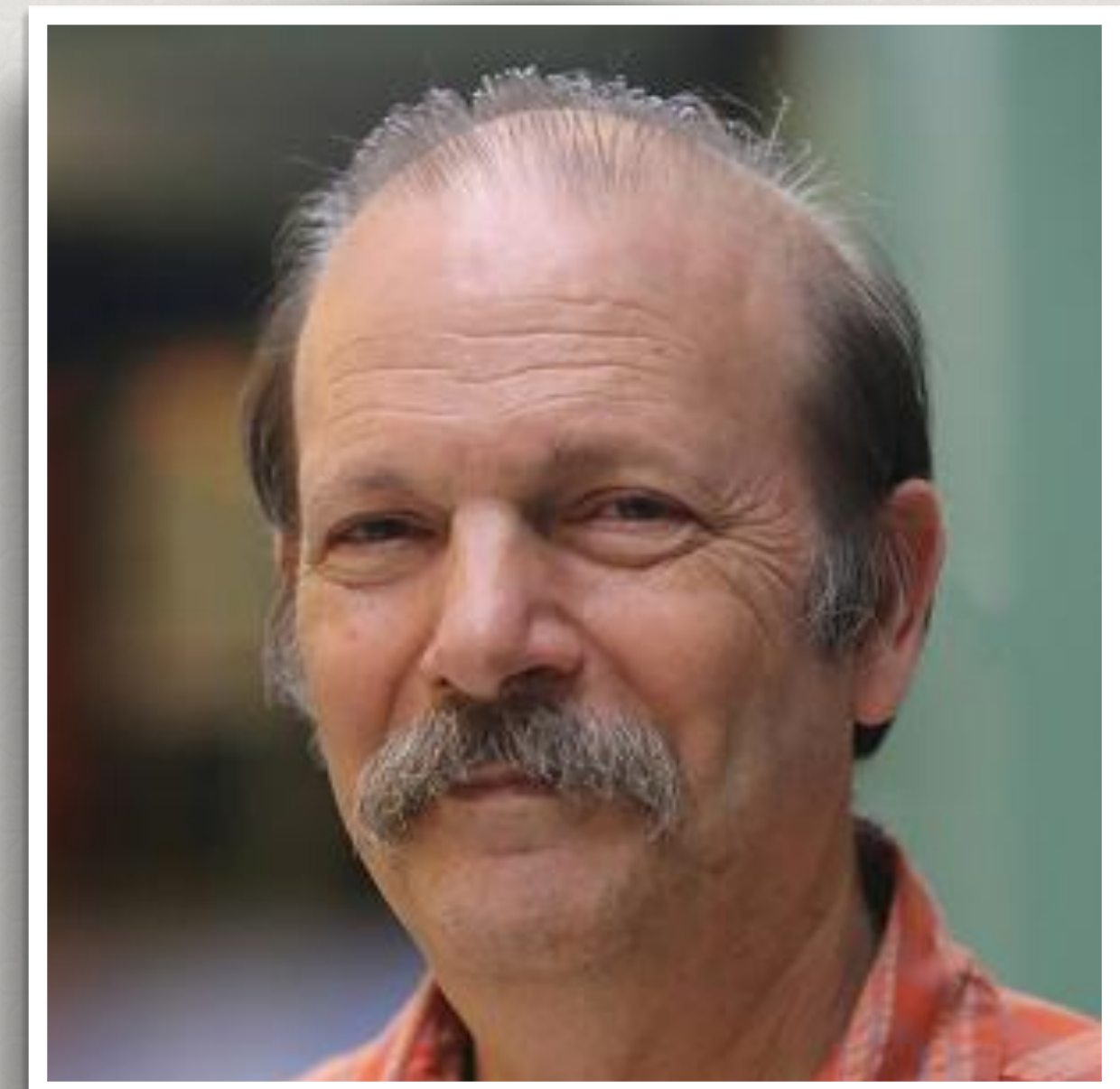
Technion, Mt. Carmel



July-August 2022

FLoC

Federated Logic Conference



July 31, 2022 – August 12, 2022

**Technion
Haifa, Israel**



<https://twitter.com/FLoC2022>



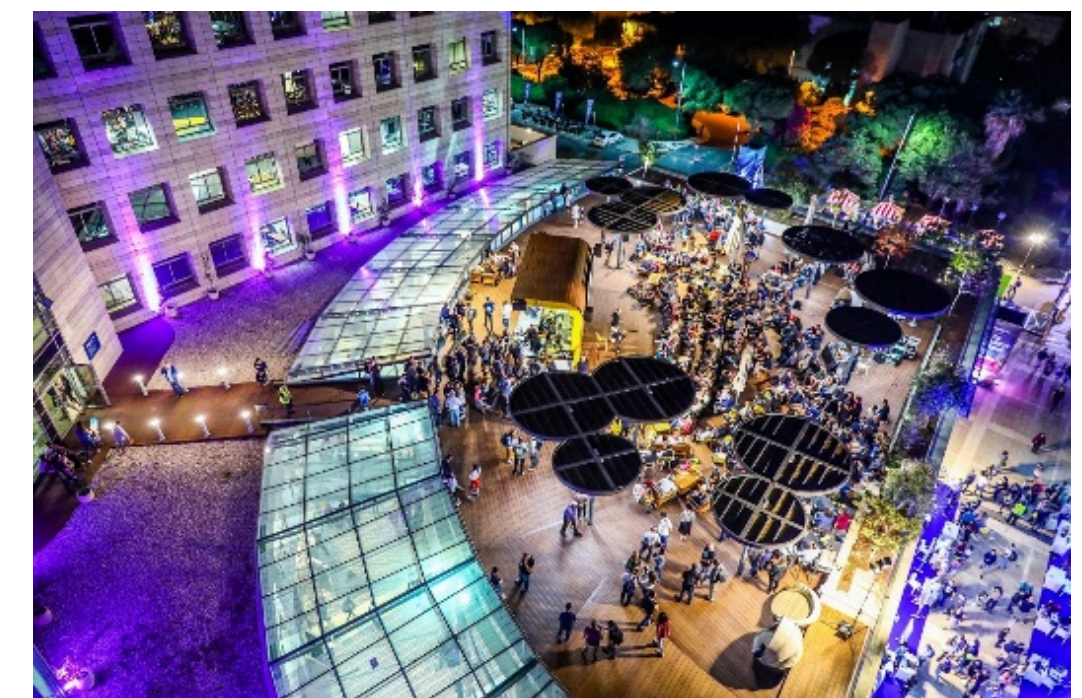
TECHNION |



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

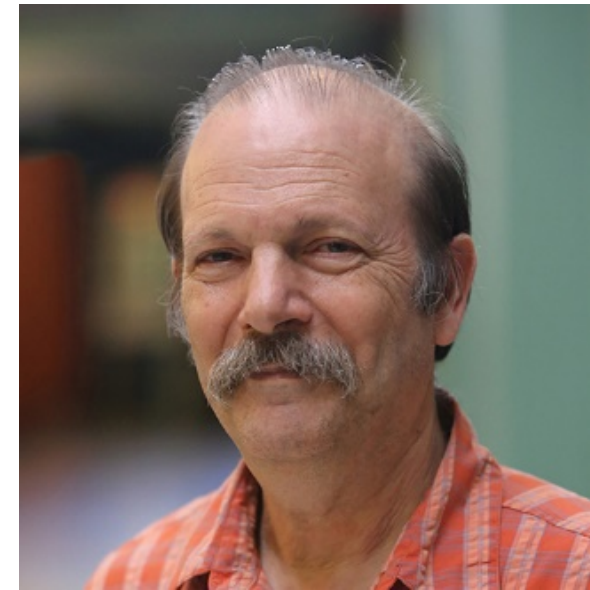
Steering Committee

General Chair



Alexandra Silva

Advisory Chair

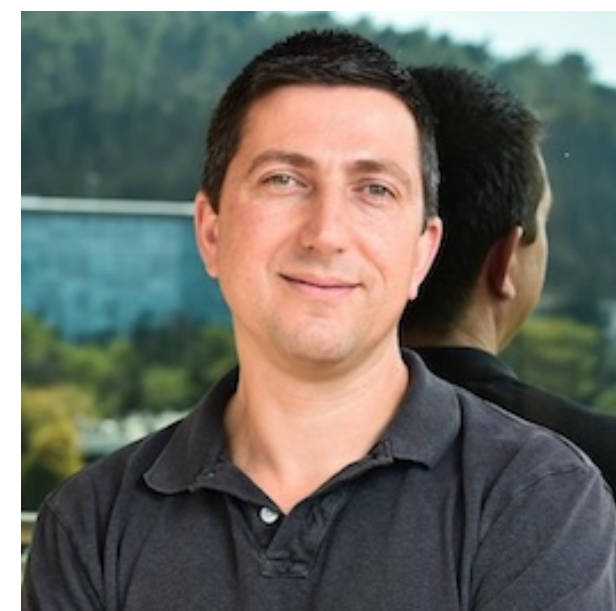


Moshe Vardi

Local Co-chairs



Orna Grumberg



Eran Yahav

Daniel Kroening (CAV)

Emmanuel Hebrard (CP)

Ante Đerek (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:

FLoC'99

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

FLoC'02

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

FLoC'06

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

FLoC'10

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

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:

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:

FLoC'22

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



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

CADE
CAV
LICS

RTA
+ 15 affiliated workshops

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

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

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

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

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

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*

✦ *SAT*

✦ *KR*

✦ *CAV*

✦ *ICLP*

✦ *CP*

✦ *CADE* ↪ *IJCAR*

✦ *ITP*

✦ *RTA* ↪ *FSCD*

✦ *CSF*

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		DI	DI	DI	DI		
		KP	KP	KP	KP		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 FSCD 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

100k
80k
60k
40k
20k
0

Feb 15, 2020
Mar 03, 2020
Mar 20, 2020
Apr 06, 2020
Apr 23, 2020
May 10, 2020
May 27, 2020
Jun 13, 2020
Jun 30, 2020
Jul 17, 2020
Aug 03, 2020
Aug 20, 2020
Sep 06, 2020
Sep 23, 2020
Oct 10, 2020
Oct 27, 2020
Nov 13, 2020
Nov 30, 2020
Dec 17, 2020
Jan 03, 2021
Jan 20, 2021
Feb 06, 2021
Feb 23, 2021
Mar 12, 2021
Mar 29, 2021
Apr 15, 2021
May 02, 2021
May 19, 2021
Jun 05, 2021
Jun 22, 2021
Jul 09, 2021

October

