

# FSCD 2022



*Nachum*



Haifa, Israel



Technion, Mt. Carmel



August 2022

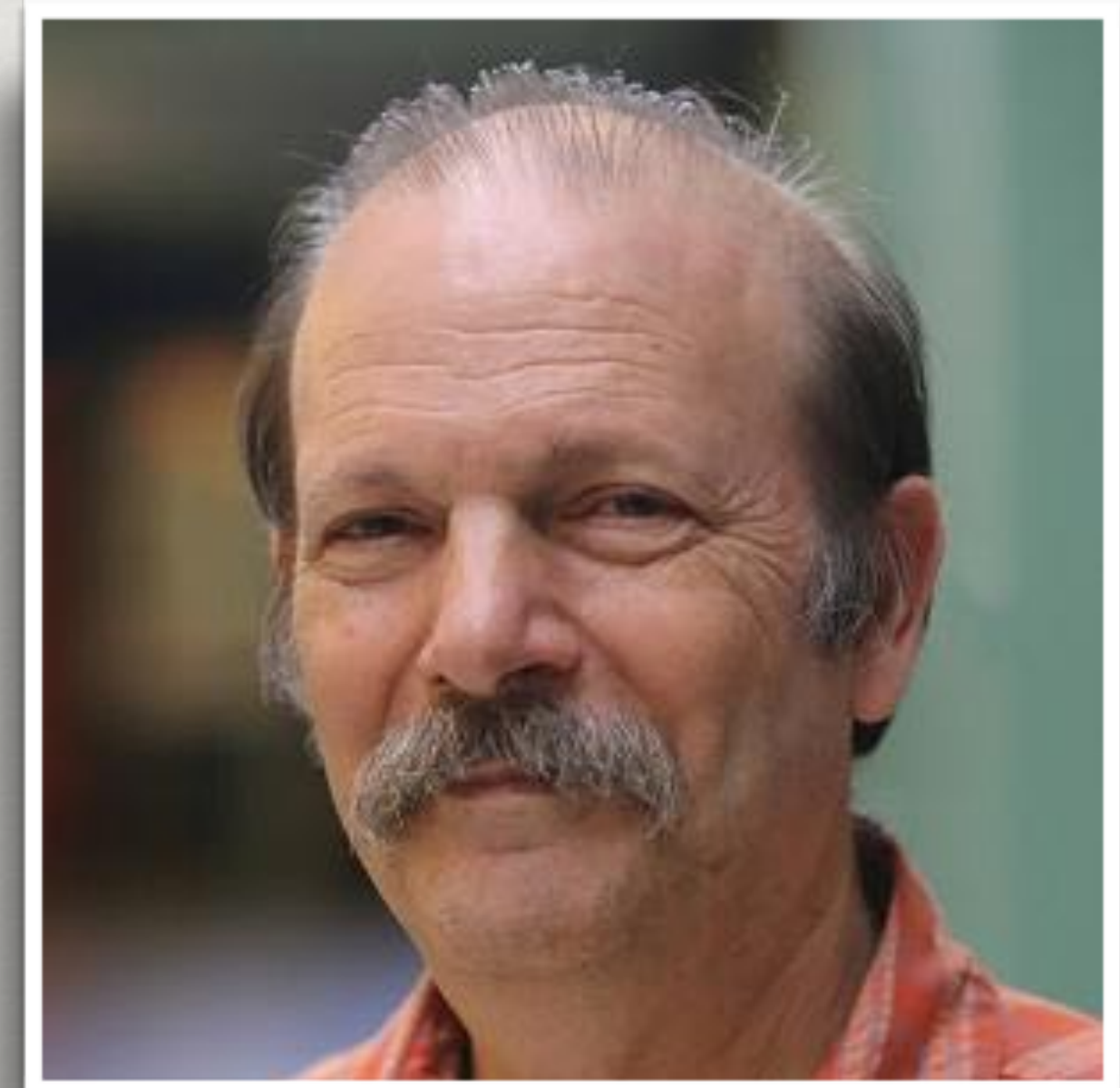
**FLoC**

# **Federated Logic Conference**



**August**

**2022**



## 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, UCAR, 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, UCAR, 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, UCAR, 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.

1996

**CADE**  
13th Conference on Automated Deduction

**CAV**  
8th Conference on Automated Verification

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

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

1999

**CADE**  
**CAV**  
**LISS**

**RTA**  
+ 15 affiliated workshops

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

2006

**UCAR**  
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

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

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

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

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*

✦ *SAT*

✦ *KR*

✦ *CAV*

✦ *ICLP*

✦ *CP (?)*

✦ *CADE*  $\mapsto$  *I $\mathcal{J}$ CAR*

✦ *ITP*

✦ *RTA*  $\mapsto$  *FSCD*

✦ *CSF*



# Orna Grumberg's Update



- ✿ *We continue planning lecture rooms, production company, etc.*
- ✿ *We coordinate with Alexandra [Silva] and Moshe [Vardi]*
- ✿ *Kick-off meeting (for all conference chairs) now planned for sometime in 2021 [rather than this autumn]*
- ✿ *We hope it will materialize (in spite of the Coronavirus)*

# My 2¢



- ✦ *I have teamed up with Arnon Avron (IfCAR chair)*
- ✦ *I have interrupted my pre-retirement sabbatical in Europe*
- ✦ *I am enjoying this "interesting" conference in 2020*
- ✦ *I look forward to a "healthy" conference in 2022*