# ITP'22

Few words, figures and thoughts

ITP'22 Business meeting

June Andronick

Proofcraft seL4 Foundation UNSW Leo de Moura

Microsoft Research



## Accepted/submitted papers

- ITP'22: 30/63 full, 1/3 short
- ITP'21 (remote): 28/51 full, 1/6 short
- (IJCAR'20)
- ITP'19: 29/61 full, 4/11 short
- ITP'18: 32/55 full, 5/10 short
- •

- > # of submission is stable
- # short paper declining?

ITP'22				
	Invited:	Accepted:		
Total	40	33		

ITP'21		
	Accepted:	
Total	34	

	n	$\Box$		
UC		u	C	

F	15	38%	10	30%
M	25	63%	23	70%

F	7	21%
M	27	79%

ITP'22					
	Invited: Accepted:				
Total	40		33		

Expertise:

(approximate!)

ACL2	1	2%	1	2.5%
Agda	1	2%	0	0%
Coq	14	30%	10	25%
F*	1	2%	1	2.5%
HOL-Light	2	4%	2	2.5%
HOL4	3	6%	3	7.5%
Isabelle	10	21%	10	25%
Lean	3	6%	3	7.5%
Mizar	2	4%	1	2.5%
NuPRL	1	2%	1	2.5%
PVS	2	4%	2	5%
	7	15%	6	15%

ITP'21				
Accepted:				
Total	34			

ACL2	0	0%
Agda	1	2.8%
Coq	11	30.6%
F*	0	0%
HOL-Light	0	0%
HOL4	1	2.8%
Isabelle	8	22.2%
Lean	2	5.6%
Mizar	2	5.6%
NuPRL	1	2.8%
PVS	1	2.8%
	9	25%

ITP'22					
	Invited: Accepted:				
Total	40	33			

ITP'21				
Accepted:				
Total	34			

#### Location:

Asia	1	3%	0	0%
Europe	23	58%	20	61%
N America	13	33%	10	30%
Oceania	2	5%	2	6%
S America	1	3%	1	3%

Asia	2	6%
Europe	21	62%
N America	8	24%
Oceania	2	6%
S America	1	3%

Location: (detailed)

	<u>Invited:</u>		Accepted:	
Total	40		33	
Australia	2	5%	2	6%
Austria	1	3%	1	3%
Brasília	1	3%	1	3%
Canada	1	3%	0	0%
Czech Republic	1	3%	0	0%
Denmark	1	3%	1	3%
France	7	18%	7	21%
Germany	3	8%	3	9%
Israel	1	3%	0	0%
Netherland	2	5%	2	6%
Netherlands	1	3%	1	3%
Poland	1	3%	1	3%
Sweden	2	5%	1	3%
Switzerland	1	3%	1	3%
UK	3	8%	2	6%
US	12	30%	10	30%

**ITP'22** 

ITP'21						
	Acce	Accepted:				
Total	3	34				
Australia		2	6%			
Austria		1	3%			
Brasília		1	3%			
Canada		1	3%			
Czech Republic		1	3%			
France		7 2	1%			
Germany		3	9%			
Israel		2	6%			
Italy		1	3%			
Netherland		2	6%			
Poland		1	3%			
Spain		1	3%			
Sweden		1	3%			
UK		3	9%			
US		7 2	1%			

### Few thoughts

- PC composition
  - Find the rising stars
  - Ensure diversity (gender, area, expertise, new blood)
  - > one researcher, when invited, politely suggested, "in the spirit of promoting young talents", that we invite a talented younger researcher (we invited both)
  - ➤ Idea: when inviting PC members, ask each person, if they wish, to suggest one other name (which would be a rising star or which would increase diversity in some way)

### Few thoughts

- Budget! (for FLOC years)
  - We had no control over the budget (all in FLOC hands, including sponsors etc)
  - We still had to pay for the proceedings
  - All we could do is use left over budget from previous years
  - ► Plan a buffer each non-FLOC year?
- LIPIcs:
  - Used at last ITP, open access
  - ➤ Worked really well; super smooth; best experience (Leo)

### Few thoughts

- Guidelines for PC chairs / PC members
  - "Bar" for acceptance not always clear
  - Also with proof pearls / short papers
  - Also with mathematical formalization: guidelines between the CS contribution and the maths contribution (opinions varies)
  - (also need to have enough expertise in PC for mathematical contributions)

- Institutional memory
  - ➤ Started to put in Github