

CADE-30

Program Committee Chair Report

July 28–31, 2025

Clark Barrett and Uwe Waldmann

Chairs

Conference Chair

Stephan Schulz

Program Committee Chairs

Clark Barrett

Uwe Waldmann

Workshop Chair

Sophie Turret

Publicity Chair

Geoff Sutcliffe

Program Committee

50 PC members

Erika Ábrahám	Silvio Ghilardi	Kuldeep S. Meel	Mihaela Sighireanu
Haniel Barbosa	Alessandro Gianola	Stephan Merz	Alexandra Silva
Clark Barrett	Iris van der Giessen	Cláudia Nalon	Viorica Sofronie-
Jasmin Blanchette	Alberto Griggio	Jakob Nordström	Stokkermans
Maria Paola	Nao Hirokawa	Nicola Olivetti	Martin Suda
Bonacina	Mikoláš Janota	Elaine Pimentel	Yong Kiam Tan
Liron Cohen	Moa Johansson	André Platzer	Guilherme Toledo
Stéphane Demri	Martin Jonáš	Florian Rabe	Sophie Turret
Huimin Dong	Cezary Kaliszyk	Andrew Reynolds	Ali Kemal Uncu
Katalin Fazekas	Konstantin Korovin	Philipp Rümmer	Uwe Waldmann
Mathias Fleury	Katherine Kosaian	Tanja Schindler	Christoph Weidenbach
Pascal Fontaine	Laura Kovács	Renate A. Schmidt	Bohua Zhan
Carsten Fuhs	Peter Lammich	Carsten Schuermann	Yoni Zohar

Competitions and Affiliated Workshops

CASC-30: The CADE-30 ATP System Competition

ADG 2025: Automated Deduction in Geometry

DT 2025: Deduktionstreffen (Meeting of the German SIG on Deduction)

Weidenbach60: First-Order Reasoning, Below and Beyond: Workshop in Honor of Christoph Weidenbach's 60th Birthday

SC2: 10th International Workshop on Satisfiability Checking and Symbolic Computation

ThEdu 2025, Theorem Proving Components for Educational Software

TPTPTP: The TPTP Tea Party

Invited Papers

Sharon Shoham (Tel Aviv University, Israel):

Taming Infinity for Verification in First-Order Logic

Azadeh Farzan (University of Toronto, Canada):

Choose Your Proofs: Commutativity and Symmetry for Smarter Reasoning

Leonardo de Moura (Amazon Web Services, USA):

A Decade of Lean: Advancing Proof Automation for Mathematics and Software Verification

Review

Single-blind

Rebuttal phase

75 external reviewers, 85 external reviews

EasyChair

Primary review model (as for CADE-29)

Submissions and Accepted Papers

Abstracts: 99

Submitted papers: 87 (74 full papers, 13 short papers)

Typically 3 reviews per paper

(1 paper was desk rejected, 5 papers got 4 reviews)

2 papers withdrawn after rebuttal phase

Accepted: 37 (33 full papers, 4 short papers)

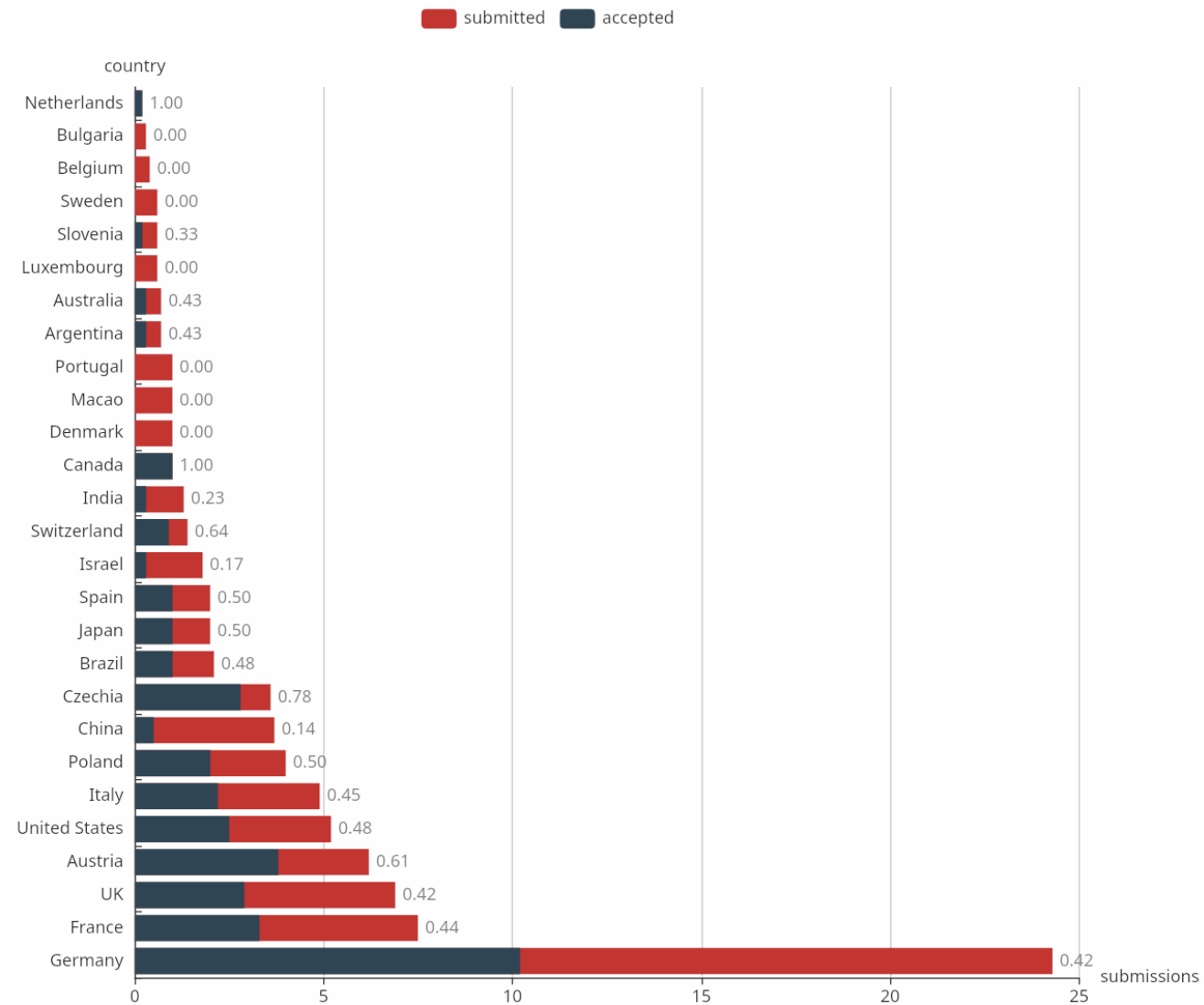
Breakdown by Countries

<i>Country</i>	<i>Authors</i>	<i>Submissions</i>	<i>Accepted</i>	<i>Ratio</i>	<i>PC members</i>
Germany	50	24.28	10.25	0.42	9
France	15	7.51	3.31	0.44	5
Austria	16	6.18	3.78	0.61	3
United Kingdom	13	6.92	2.92	0.42	6
United States	19	5.21	2.50	0.48	3
Italy	14	4.92	2.25	0.46	3
Poland	7	4.00	2.00	0.50	1
China	11	3.67	0.50	0.14	1
Czechia	8	3.63	2.80	0.77	3
Brazil	4	2.08	1.00	0.48	3
Japan	3	2.00	1.00	0.50	1
Spain	5	2.00	1.00	0.50	-
Canada	3	1.00	1.00	1.00	-
Denmark	3	1.00	-	0.00	2

Breakdown by Countries

<i>Country</i>	<i>Authors</i>	<i>Submissions</i>	<i>Accepted</i>	<i>Ratio</i>	<i>PC members</i>
India	5	1.33	0.33	0.25	-
Israel	4	1.83	0.33	0.18	2
Macao	2	1.00	-	0.00	-
Portugal	2	1.00	-	0.00	1
Switzerland	7	1.36	0.86	0.63	1
Argentina	2	0.67	0.33	0.50	-
Australia	1	0.67	0.33	0.50	-
Belgium	3	0.38	-	0.00	1
Bulgaria	1	0.33	-	0.00	-
Luxembourg	3	0.60	-	0.00	-
Netherlands	1	0.25	0.25	1.00	2
Slovenia	1	0.58	0.25	0.43	-
Sweden	3	0.60	-	0.00	1
Singapore	-	-	-	-	2

Breakdown by Countries



Timeline

<i>Conference</i>	<i>Location</i>	<i>Subm</i>	<i>Acc</i>	<i>Ratio</i>
CADE-30 [2025]	Stuttgart, Germany	87	37	42.5%
IJCAR 2024	Nancy, France	115	45	39.1%
CADE-29 [2023]	Rome, Italy	74	33	44.5%
IJCAR 2022	Haifa, Israel	85	41	48.2%
CADE-28 [2021]	Pittsburgh, USA	76	36	47.3%
IJCAR 2020	Online	196	79	40.3%
CADE-27 [2019]	Natal, Brasil	65	34	52.3%
IJCAR 2018 (FLoC)	Oxford, UK	108	46	42.5%
CADE-26 [2017]	Göteborg, Sweden	69	31	44.9%
IJCAR 2016	Coimbra, Portugal	79	35	44.3%
CADE-25 [2015]	Berlin, Germany	84	36	42.8%
IJCAR 2014 (VSL)	Vienna, Austria	83	37	44.5%
CADE-24 [2013]	Lake Placid, USA	71	31	43.6%
IJCAR 2012	Manchester, UK	115	42	36.5%
CADE-23 [2011]	Wrocław, Poland	80	35	43.7%

Timeline

<i>Conference</i>	<i>Location</i>	<i>Subm</i>	<i>Acc</i>	<i>Ratio</i>
IJCAR 2010 (FLoC)	Edinburgh, UK	89	40	44.9%
CADE-22 [2009]	Montreal, Canada	77	32	41.5%
IJCAR 2008	Sydney, Australia	98	39	39.7%
CADE-21 [2007]	Bremen, Germany	64	34	53.1%
IJCAR 2006	Seattle, USA	151	49	32.4%
CADE-20 [2005]	Tallinn, Estonia	78	30	38.4%
IJCAR 2004	Cork, Ireland	86	32	37.2%
CADE-19 [2003]	Miami Beach, USA	83	36	43.3%
CADE-18 [2002] (FLoC)	Copenhagen, Denmark	70	36	51.4%
IJCAR 2001	Siena, Italy	112	56	50.0%
CADE-17 [2000]	Pittsburgh, USA	73	39	53.4%
CADE-16 [1999] (FLoC)	Trento, Italy	83	36	43.3%
CADE-15 [1998]	Lindau, Germany	110	34	30.9%
CADE-14 [1997]	Townsville, Australia	109	42	38.5%
CADE-13 [1996] (FLoC)	New Brunswick, USA	133	61	45.8%

Proceedings

Proceedings to appear at Springer (Gold Open Access).

The preliminary version distributed here is not in a satisfactory state.

Ronan Nugent (Springer):

[...] And on behalf of Springer I apologize for the additional mistakes you note below, indeed these are not acceptable, we'll address these. [...]

... whatever that means.

Lessons Learned

Primary review model:

- (A) For every submission there is a primary reviewer, who leads the discussion about that submission.

Useful

- (B) The primary reviewer delivers a review within two weeks ...

⇒ Primary reviews must be assigned fairly

⇒ Some primary reviews are assigned to non-experts

⇒ Detrimental for (A) and (C)

Defeats the purpose / Unnecessary

- (C) and checks whether external expertise is required

Useful

Thanks

Thanks to

- Stephan Schulz and his team at DHBW,
in particular Inna Avrutina, Jan Hladik, Daniela Jung
- Sophie Turret, Geoff Sutcliffe
- Program committee members and external subreviewers
- CADE trustees
- Brigitte Pientka, Cesare Tinelli
- Authors
- Participants
- EasyChair
- Sponsors (Amazon Web Services and Springer)