

MODEL COUNTING COMPETITION 2023



Part of the SAT 2023 Conference

Tuukka Korhonen Matti Järvisalo

University of Bergen & University of Helsinki

placed

First Place in Track 1: Model Counting

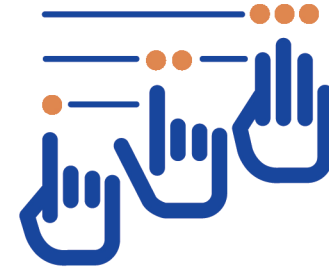
Rankings A/B/C: Exact/Approx

with the submission SharpSAT-TD

Johannes K. Fichte, Linköping University
2023 MC Program Committee Co-chairs

Markus Hecher, MIT

MODEL COUNTING COMPETITION 2023



Part of the SAT 2023 Conference

Mate Soos Kuldeep S. Meel

Nagoya University

placed

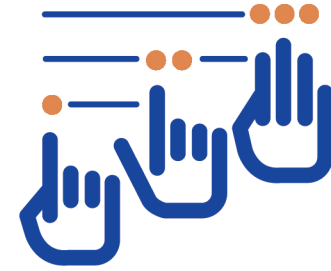
Second Place in Track 1: Model Counting

Ranking C: Approx

with the submission arjun-ganak-approxmc

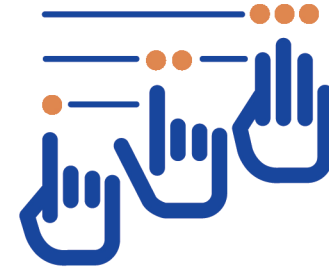
Johannes K. Fichte, Linköping University
2023 MC Program Committee Co-chairs

Markus Hecher, MIT



Markus Hecher, MIT

MODEL COUNTING COMPETITION 2023



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Kenji Hashimoto Shota Yap

Nagoya University

placed

Third Place in Track 1: Model Counting

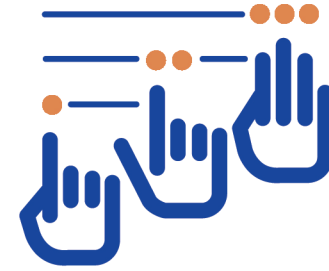
Ranking A: Exact(arb)

with the submission gpmc

Johannes K. Fichte, Linköping University
2023 MC Program Committee Co-chairs

Markus Hecher, MIT

MODEL COUNTING COMPETITION 2023



Part of the SAT 2023 Conference

Vu Phan

Jeffrey Dudek

Moshe Vardi

Rice University

placed

Fourth Place in Track 1: Model Counting

Ranking A: Exact(arb)

with the submission DPMC

Johannes K. Fichte, Linköping University
2023 MC Program Committee Co-chairs

Markus Hecher, MIT

MODEL COUNTING COMPETITION 2023



Part of the SAT 2023 Conference

**Yong Lai Zhenghang Xu Minghao Yin Roland H.C. Yap
Kuldeep S. Meel**

Jilin University & Northeast Normal University & NUS

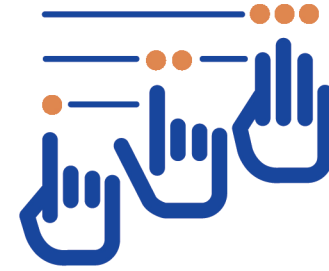
placed

Third Place in Track 1: Model Counting
Ranking B: Exact(small)
with the submission ExactMC-Arjun

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2023 MC Program Committee Co-chairs

Markus Hecher, MIT

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Mate Soos Kuldeep S. Meel

Nagoya University

placed

Fourth Place in Track 1: Model Counting

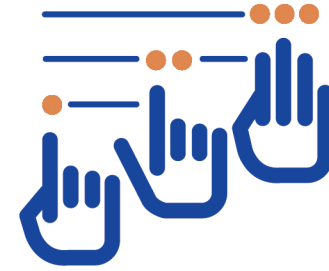
Ranking B: Exact(small)

with the submission arjun-ganak

Johannes K. Fichte, Linköping University
2023 MC Program Committee Co-chairs

Markus Hecher, MIT

MODEL COUNTING COMPETITION 2023



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Aditya Shrotri Moshe Vardi

Rice University

placed

Sixth Place in Track 1: Model Counting

Ranking B: Exact(small)

with the submission Alt-DPMC

Johannes K. Fichte, Linköping University
2023 MC Program Committee Co-chairs

Markus Hecher, MIT

MODEL COUNTING COMPETITION 2023



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Vu Phan

Jeffrey Dudek

Moshe Vardi

Rice University

placed

Seventh Place in **Track 1: Model Counting**

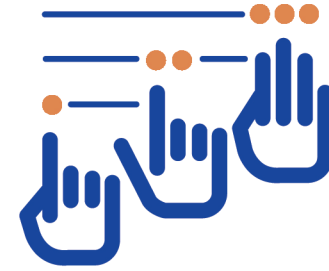
Ranking B: Exact(small)

with the submission DPMC

Johannes K. Fichte, Linköping University
2023 MC Program Committee Co-chairs

Markus Hecher, MIT

MODEL COUNTING COMPETITION 2023



Part of the SAT 2023 Conference

Ivor Spence

Queen's University Belfast

placed

Eights Place in Track 1: Model Counting

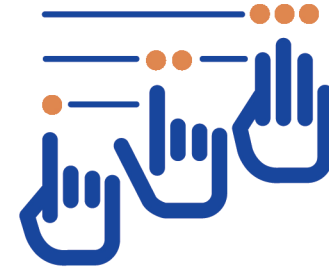
Ranking B: Exact(small)

with the submission MTMC

Johannes K. Fichte, Linköping University
2023 MC Program Committee Co-chairs

Markus Hecher, MIT

MODEL COUNTING COMPETITION 2023



Part of the SAT 2023 Conference

Tuukka Korhonen

Matti Järvisalo

University of Bergen & University of Helsinki

placed

First Place in Track 2: Weighted Model Counting

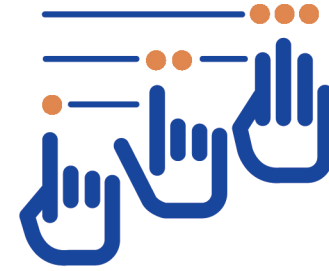
Ranking A+B: Exact(arb)

with the submission SharpSAT-TD

Johannes K. Fichte, Linköping University
2023 MC Program Committee Co-chairs

Markus Hecher, MIT

MODEL COUNTING COMPETITION 2023



Part of the SAT 2023 Conference

Kenji Hashimoto Shota Yap

Nagoya University

placed

Second Place in Track 2: Weighted Model Counting

Ranking A: Exact(arb)

with the submission gpmc

Johannes K. Fichte, Linköping University
2023 MC Program Committee Co-chairs

Markus Hecher, MIT

MODEL COUNTING COMPETITION 2023



Part of the SAT 2023 Conference

**Yong Lai Zhenghang Xu Minghao Yin Roland H.C. Yap
Kuldeep S. Meel**

Jilin University & Northeast Normal University & NUS

placed

Third Place in Track 2: Weighted Model Counting
Ranking A: Exact(arb)
with the submission ExactMC-Arjun

Johannes K. Fichte, Linköping University
2023 MC Program Committee Co-chairs

Markus Hecher, MIT

MODEL COUNTING COMPETITION 2023



Part of the SAT 2023 Conference

Pierre Marquis Jean-Marie Lagniez

CRIL-CNRS/Université d'Artois

placed

Second Place in Track 2: Weighted Model Counting

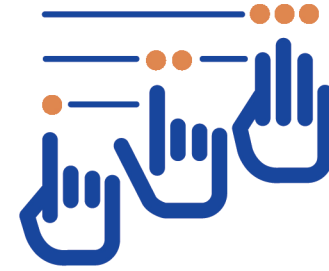
Ranking B: Exact(small)

with the submission d4

Johannes K. Fichte, Linköping University
2023 MC Program Committee Co-chairs

Markus Hecher, MIT

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Aditya Shrotri Moshe Vardi

Rice University

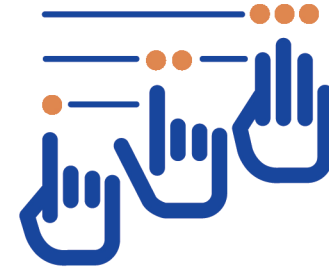
placed

Fifths Place in Track 2: Weighted Model Counting
Ranking B: Exact(small)
with the submission Alt-DPMC

Johannes K. Fichte, Linköping University
2023 MC Program Committee Co-chairs

Markus Hecher, MIT

MODEL COUNTING COMPETITION 2023



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Vu Phan

Jeffrey Dudek

Moshe Vardi

Rice University

placed

Sixth Place in Track 2: Weighted Model Counting
Ranking B: Exact(small)
with the submission DPMC

Johannes K. Fichte, Linköping University
2023 MC Program Committee Co-chairs

Markus Hecher, MIT



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Ivor Spence

MODEL COUNTING COMPETITION 2023



Part of the SAT 2023 Conference

Pierre Marquis Jean-Marie Lagniez

CRIL-CNRS/Université d'Artois

placed

First Place in Track 3: Projected Model Counting

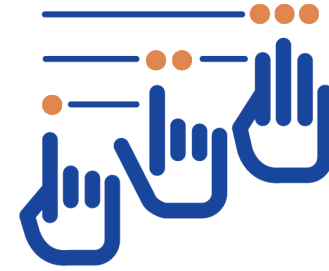
Ranking A+B: Exact(arb)

with the submission d4

Johannes K. Fichte, Linköping University
2023 MC Program Committee Co-chairs

Markus Hecher, MIT

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Kenji Hashimoto Shota Yap

Nagoya University

placed

Second Place in Track 3: Projected Model Counting

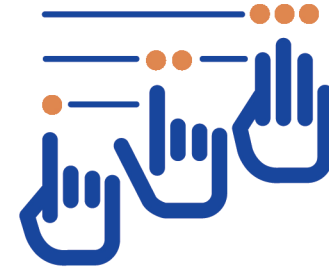
Ranking A: Exact(arb)

with the submission gpmc

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2023 MC Program Committee Co-chairs

Markus Hecher, MIT

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Mate Soos Kuldeep S. Meel

Nagoya University

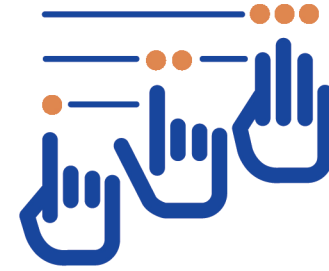
placed

Third Place in Track 3: Projected Model Counting
Ranking A: Exact(arb)
with the submission arjun-ganak

Johannes K. Fichte, Linköping University
2023 MC Program Committee Co-chairs

Markus Hecher, MIT

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Vu Phan

Jeffrey Dudek

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Rice University

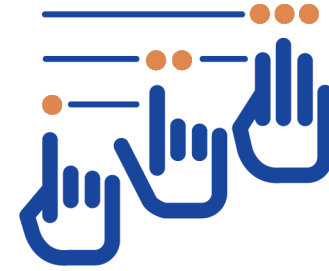
placed

Fourth Place in Track 3: Projected Model Counting
Ranking A: Exact(arb)
with the submission DPMC

Johannes K. Fichte, Linköping University
2023 MC Program Committee Co-chairs

Markus Hecher, MIT

MODEL COUNTING COMPETITION 2023



Part of the SAT 2023 Conference

Aditya Shrotri Moshe Vardi

Rice University

placed

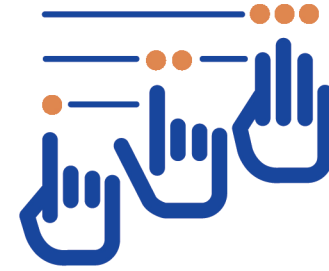
**Participation Place in Track 3: Projected Model Counting
Ranking B: Exact(small)
with the submission Alt-DPMC**

Johannes K. Fichte, Linköping University
2023 MC Program Committee Co-chairs

Markus Hecher, MIT

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Ivor Spence

Queen's University Belfast

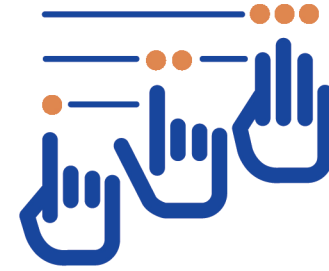
placed

Fifths Place in Track 3: Projected Model Counting
Ranking B: Exact(small)
with the submission MTMC

Johannes K. Fichte, Linköping University
2023 MC Program Committee Co-chairs

Markus Hecher, MIT

MODEL COUNTING COMPETITION 2023



Part of the SAT 2023 Conference

Mate Soos Kuldeep S. Meel

Nagoya University

placed

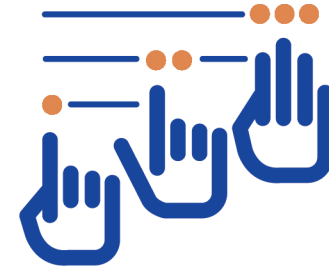
**First Place in Track 3: Projected Model Counting
Ranking C: Approx**

with the submission arjun-ganak-approxmc

Johannes K. Fichte, Linköping University
2023 MC Program Committee Co-chairs

Markus Hecher, MIT

MODEL COUNTING COMPETITION 2023



Part of the SAT 2023 Conference

Kenji Hashimoto Shota Yap

Nagoya University

placed

**First Place in Track 4: Projected Weighted Model Counting
Ranking $A+B$: Exact**
with the submission gpmc

Johannes K. Fichte, Linköping University
2023 MC Program Committee Co-chairs

Markus Hecher, MIT

MODEL COUNTING COMPETITION 2023



Part of the SAT 2023 Conference

Pierre Marquis Jean-Marie Lagniez

CRIL-CNRS/Université d'Artois

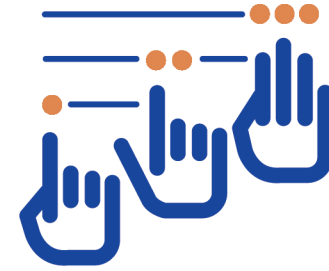
placed

Second Place in Track 4: Projected Weighted Model Counting
Ranking B: Exact(small)
with the submission d4

Johannes K. Fichte, Linköping University
2023 MC Program Committee Co-chairs

Markus Hecher, MIT

MODEL COUNTING COMPETITION 2023



Part of the SAT 2023 Conference

Vu Phan

Jeffrey Dudek

Moshe Vardi

Rice University

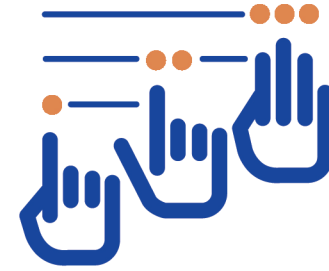
placed

Second Place in Track 4: Projected Weighted Model Counting
Ranking A: Exact(arb)
with the submission DPMC

Johannes K. Fichte, Linköping University
2023 MC Program Committee Co-chairs

Markus Hecher, MIT

MODEL COUNTING COMPETITION 2023



Part of the SAT 2023 Conference

Aditya Shrotri Moshe Vardi

Rice University

placed

Fourth Place in Track 4: Projected Weighted Model Counting
Ranking B: Exact(small)
with the submission Alt-DPMC

Johannes K. Fichte, Linköping University
2023 MC Program Committee Co-chairs

Markus Hecher, MIT