

MODEL COUNTING COMPETITION 2024



Part of the SAT 2024 Conference

Mate Soos

Jiong Yang

Kuldeep S. Meel

Shubham Sharma

University of Toronto

placed

First Place in Track 1: Model Counting

Rankings A/B (exact)

with the submission Ganak

Johannes K. Fichte
Linköping University

Markus Hecher
Massachusetts Institute of Technology

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs

MODEL COUNTING COMPETITION 2024



Part of the SAT 2024 Conference

Mate Soos

Jiong Yang

Kuldeep S. Meel

Shubham Sharma

University of Toronto

placed

**First Place in Track 1: Model Counting
Ranking C (approx)**

with the submission Ganak-ApproxMC

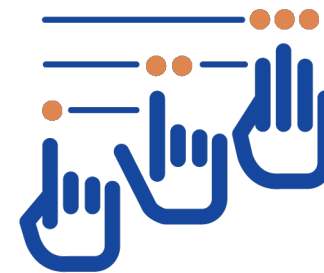
Johannes K. Fichte
Linköping University

Markus Hecher
Massachusetts Institute of Technology

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs

MODEL COUNTING COMPETITION 2024



Part of the SAT 2024 Conference

Tuukka Korhonen

University of Bergen

Matti Järvisalo

University of Helsinki

placed

**Second Place in Track 1: Model Counting
Rankings A/B (exact)**

with the submission SharpSAT-TD

Johannes K. Fichte
Linköping University

Markus Hecher
Massachusetts Institute of Technology

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs

MODEL COUNTING COMPETITION 2024



Part of the SAT 2024 Conference

Yipei Deng

Junping Zhou

Jiaxin Liang

Le Xin

Northeast Normal University

placed

**Second Place in Track 1: Model Counting
Rankings A/B (exact)**

with the submission SharpSAT-TD-CH

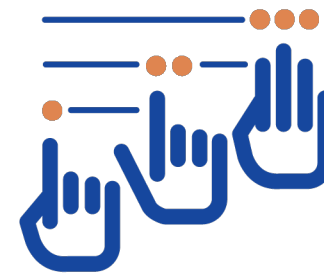
Johannes K. Fichte
Linköping University

Markus Hecher
Massachusetts Institute of Technology

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs

MODEL COUNTING COMPETITION 2024



Part of the SAT 2024 Conference

Yong Lai

Jilin University

Kuldeep S. Meel

University of Toronto

Roland H.C. Yap

National University of Singapore

placed

Fourth Place in Track 1: Model Counting

Rankings A/B (exact)

with the submission ExactMC

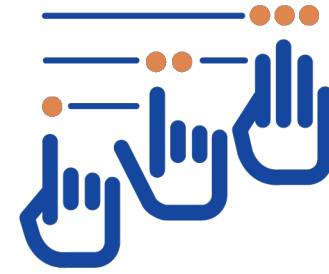
Johannes K. Fichte
Linköping University

Markus Hecher
Massachusetts Institute of Technology

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs

MODEL COUNTING COMPETITION 2024



Part of the SAT 2024 Conference

Jean-Marie Lagniez Pierre Marquis

CRIL-CNRS/Université d'Artois

placed

Fifth Place in Track 1: Model Counting

Rankings A/B (exact)

with the submission d4

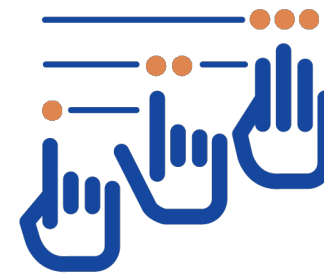
Johannes K. Fichte
Linköping University

Markus Hecher
Massachusetts Institute of Technology

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs

MODEL COUNTING COMPETITION 2024



Part of the SAT 2024 Conference

Raphael Dunkel Chico Sundermann Tobias Heß Thomas Thüm

University of Ulm Paderborn University

placed

Sixth Place in Track 1: Model Counting

Rankings A/B (exact)

with the submission AS4MOCO (AutoFolio Algorithm Selection)

Johannes K. Fichte
Linköping University

Markus Hecher
Massachusetts Institute of Technology

Arijit Shaw
Chennai Mathematical Institute

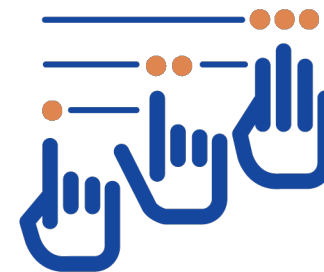
2024 MC Competition Co-chairs

Seventh Place in Track 1: Model Counting
Rankings A/B (exact)
 with the submission MTMC

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs

MODEL COUNTING COMPETITION 2024



Part of the SAT 2024 Conference

Kenji Hashimoto

Kagawa University

placed

Eighth Place in Track 1: Model Counting

Rankings A/B (exact)

with the submission gpmc

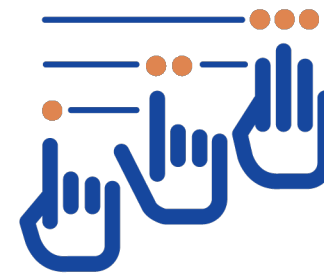
Johannes K. Fichte
Linköping University

Markus Hecher
Massachusetts Institute of Technology

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs

MODEL COUNTING COMPETITION 2024



Part of the SAT 2024 Conference

Vu Phan

Jeffrey Dudek

Moshe Vardi

Rice University

placed

Nineth Place in Track 1: Model Counting

Rankings A/B (exact)

with the submission DPMC

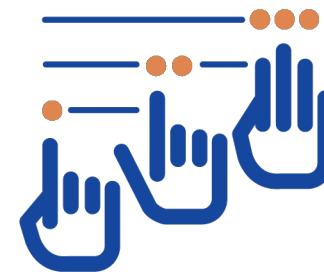
Johannes K. Fichte
Linköping University

Markus Hecher
Massachusetts Institute of Technology

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs

MODEL COUNTING COMPETITION 2024



Part of the SAT 2024 Conference

Joseph Pehoushek

Universal Structures

placed

Tenth Place in Track 1: Model Counting

Rankings A/B (exact)

with the submission NumSat

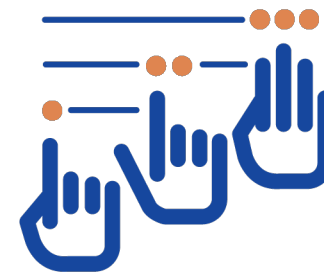
Johannes K. Fichte
Linköping University

Markus Hecher
Massachusetts Institute of Technology

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs

MODEL COUNTING COMPETITION 2024



Part of the SAT 2024 Conference

Mate Soos Jiong Yang Kuldeep S. Meel Shubham Sharma

University of Toronto
placed

**First Place in Track 2: Weighted Model Counting
Ranking B (exact)**
with the submission Ganak

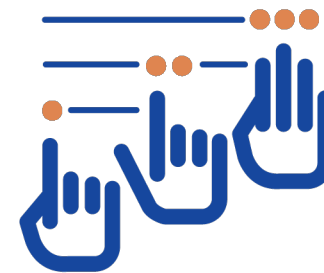
Johannes K. Fichte
Linköping University

Markus Hecher
Massachusetts Institute of Technology

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs

MODEL COUNTING COMPETITION 2024



Part of the SAT 2024 Conference

Tuukka Korhonen

University of Bergen

Matti Järvisalo

University of Helsinki

placed

**Second Place in Track 2: Weighted Model Counting
Ranking B (exact)**

with the submission SharpSAT-TD

Johannes K. Fichte
Linköping University

Markus Hecher
Massachusetts Institute of Technology

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs

MODEL COUNTING COMPETITION 2024



Part of the SAT 2024 Conference

Yong Lai

Jilin University

Kuldeep S. Meel

University of Toronto

Roland H.C. Yap

National University of Singapore

placed

**Third Place in Track 2: Weighted Model Counting
Ranking B (exact)**

with the submission ExactMC

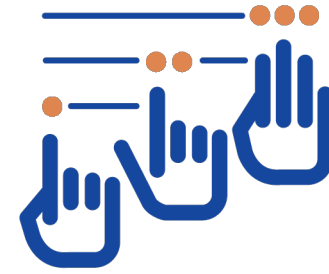
Johannes K. Fichte
Linköping University

Markus Hecher
Massachusetts Institute of Technology

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs

MODEL COUNTING COMPETITION 2024



Part of the SAT 2024 Conference

Jean-Marie Lagniez Pierre Marquis

CRIL-CNRS/Université d'Artois

placed

Fourth Place in Track 2: Weighted Model Counting

Ranking B (exact)

with the submission d4

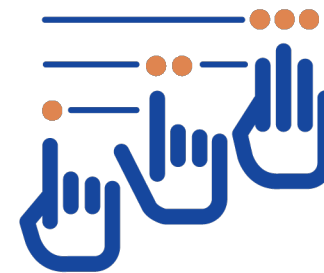
Johannes K. Fichte
Linköping University

Markus Hecher
Massachusetts Institute of Technology

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs

MODEL COUNTING COMPETITION 2024



Part of the SAT 2024 Conference

Kenji Hashimoto

Kagawa University

placed

Fifth Place in Track 2: Weighted Model Counting

Ranking B (exact)

with the submission gpmc

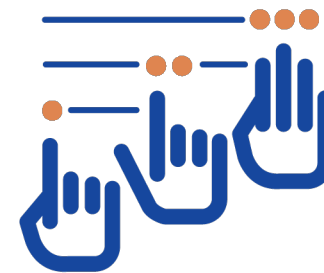
Johannes K. Fichte
Linköping University

Markus Hecher
Massachusetts Institute of Technology

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs

MODEL COUNTING COMPETITION 2024



Part of the SAT 2024 Conference

Ivor Spence

Queen's University Belfast
placed

**Sixth Place in Track 2: Weighted Model Counting
Ranking B (exact)**
with the submission MTMC

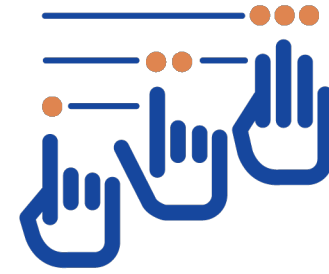
Johannes K. Fichte
Linköping University

Markus Hecher
Massachusetts Institute of Technology

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs

MODEL COUNTING COMPETITION 2024



Part of the SAT 2024 Conference

Vu Phan

Jeffrey Dudek

Moshe Vardi

Rice University

placed

Seventh Place in Track 2: Weighted Model Counting

Ranking B (exact)

with the submission DPMC

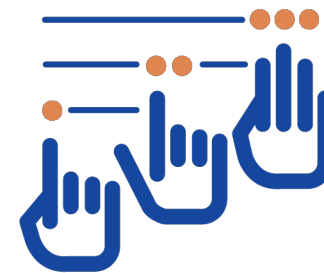
Johannes K. Fichte
Linköping University

Markus Hecher
Massachusetts Institute of Technology

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs

MODEL COUNTING COMPETITION 2024



Part of the SAT 2024 Conference

Mate Soos Jiong Yang Kuldeep S. Meel Shubham Sharma

University of Toronto
placed

**First Place in Track 3: Projected Model Counting
Rankings**

with the submission Ganak

Johannes K. Fichte
Linköping University

Markus Hecher
Massachusetts Institute of Technology

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs

MODEL COUNTING COMPETITION 2024



Part of the SAT 2024 Conference

Kenji Hashimoto

Kagawa University

placed

**Third Place in Track 3: Projected Model Counting
Rankings**

with the submission gpmc

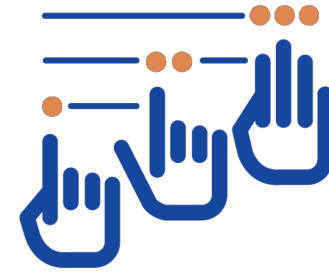
Johannes K. Fichte
Linköping University

Markus Hecher
Massachusetts Institute of Technology

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs

MODEL COUNTING COMPETITION 2024



Part of the SAT 2024 Conference

Vu Phan

Jeffrey Dudek

Moshe Vardi

Rice University

placed

**Fourth Place in Track 3: Projected Model Counting
Rankings**

with the submission DPMC

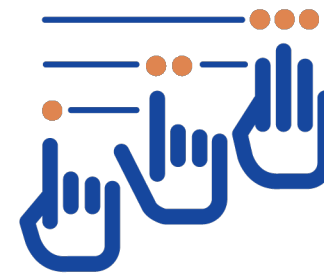
Johannes K. Fichte
Linköping University

Markus Hecher
Massachusetts Institute of Technology

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs

MODEL COUNTING COMPETITION 2024



Part of the SAT 2024 Conference

Ivor Spence

Queen's University Belfast

placed

**Fifth Place in Track 3: Projected Model Counting
Rankings**

with the submission MTMC

Johannes K. Fichte
Linköping University

Markus Hecher
Massachusetts Institute of Technology

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs



CRIL-CNRS/Université d'Artois

Second Place in Track 3: Projected Model Counting Rankings

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs

MODEL COUNTING COMPETITION 2024



Part of the SAT 2024 Conference

Mate Soos Jiong Yang Kuldeep S. Meel Shubham Sharma

University of Toronto
placed

**First Place in Track 4: Projected Weighted Model Counting
Ranking C (approx)**
with the submission Ganak-ApproxMC

Johannes K. Fichte
Linköping University

Markus Hecher
Massachusetts Institute of Technology

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs

MODEL COUNTING COMPETITION 2024



Part of the SAT 2024 Conference

Mate Soos Jiong Yang Kuldeep S. Meel Shubham Sharma

University of Toronto
placed

**First Place in Track 4: Projected Weighted Model Counting
Rankings A/B (exact)**
with the submission Ganak

Johannes K. Fichte
Linköping University

Markus Hecher
Massachusetts Institute of Technology

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs

MODEL COUNTING COMPETITION 2024



Part of the SAT 2024 Conference

Jean-Marie Lagniez Pierre Marquis

CRIL-CNRS/Université d'Artois

placed

Second Place in Track 4: Projected Weighted Model Counting

Rankings A/B (exact)

with the submission d4

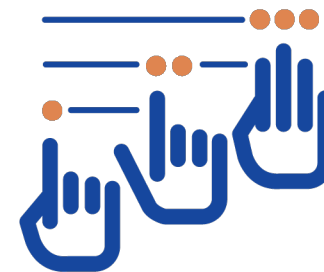
Johannes K. Fichte
Linköping University

Markus Hecher
Massachusetts Institute of Technology

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs

MODEL COUNTING COMPETITION 2024



Part of the SAT 2024 Conference

Kenji Hashimoto

Kagawa University

placed

Third Place in Track 4: Projected Weighted Model Counting

Rankings A/B (exact)

with the submission gpmc

Johannes K. Fichte
Linköping University

Markus Hecher
Massachusetts Institute of Technology

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs

MODEL COUNTING COMPETITION 2024



Part of the SAT 2024 Conference

Vu Phan

Jeffrey Dudek

Moshe Vardi

Rice University

placed

**Fourth Place in Track 4: Projected Weighted Model Counting
Rankings A/B (exact)**
with the submission DPMC

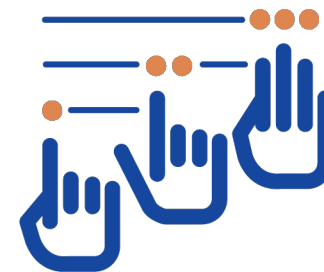
Johannes K. Fichte
Linköping University

Markus Hecher
Massachusetts Institute of Technology

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs

MODEL COUNTING COMPETITION 2024



Part of the SAT 2024 Conference

Ivor Spence

Queen's University Belfast
placed

**Fifth Place in Track 4: Projected Weighted Model Counting
Rankings A/B (exact)
with the submission MTMC**

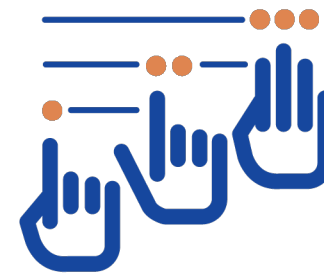
Johannes K. Fichte
Linköping University

Markus Hecher
Massachusetts Institute of Technology

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs

MODEL COUNTING COMPETITION 2024



Part of the SAT 2024 Conference

Mate Soos Jiong Yang Kuldeep S. Meel Shubham Sharma

University of Toronto
placed

First Place in Track 2b: Weighted Model Counting (Bonus Track)
Rankings A/B (exact)
with the submission Ganak

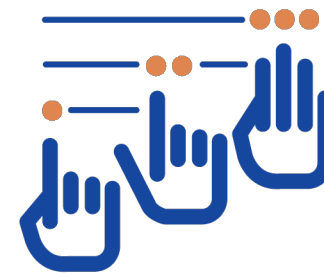
Johannes K. Fichte
Linköping University

Markus Hecher
Massachusetts Institute of Technology

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs

MODEL COUNTING COMPETITION 2024



Part of the SAT 2024 Conference

Tuukka Korhonen

University of Bergen

Matti Järvisalo

University of Helsinki

placed

Second Place in Track 2b: Weighted Model Counting (Bonus Track)

Rankings A/B (exact)

with the submission SharpSAT-TD

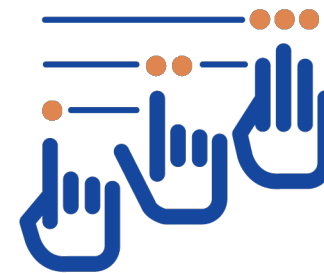
Johannes K. Fichte
Linköping University

Markus Hecher
Massachusetts Institute of Technology

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs

MODEL COUNTING COMPETITION 2024



Part of the SAT 2024 Conference

Yipei Deng

Junping Zhou

Jiaxin Liang

Le Xin

Northeast Normal University

placed

Second Place in Track 2b: Weighted Model Counting (Bonus Track)

Rankings A/B (exact)

with the submission SharpSAT-TD-CH

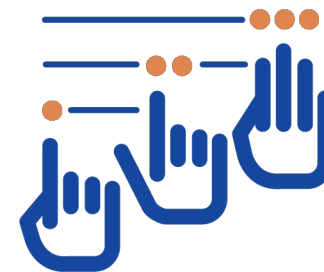
Johannes K. Fichte
Linköping University

Markus Hecher
Massachusetts Institute of Technology

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs

MODEL COUNTING COMPETITION 2024



Part of the SAT 2024 Conference

Yong Lai

Jilin University

Kuldeep S. Meel

University of Toronto

Roland H.C. Yap

National University of Singapore

placed

Fourth Place in Track 2b: Weighted Model Counting (Bonus Track)

Rankings A/B (exact)

with the submission ExactMC

Johannes K. Fichte
Linköping University

Markus Hecher
Massachusetts Institute of Technology

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs

MODEL COUNTING COMPETITION 2024



Part of the SAT 2024 Conference

Vu Phan

Jeffrey Dudek

Moshe Vardi

Rice University

placed

Fourth Place in Track 2b: Weighted Model Counting (Bonus Track)

Rankings A/B (exact)

with the submission DPMC

Johannes K. Fichte
Linköping University

Markus Hecher
Massachusetts Institute of Technology

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs

MODEL COUNTING COMPETITION 2024



Part of the SAT 2024 Conference

Kenji Hashimoto

Kagawa University

placed

Fourth Place in Track 2b: Weighted Model Counting (Bonus Track)

Rankings A/B (exact)

with the submission gpmc

Johannes K. Fichte
Linköping University

Markus Hecher
Massachusetts Institute of Technology

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs



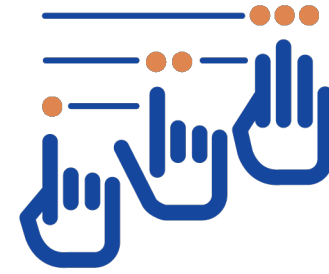
Ivor Spence

Seventh Place in Track 2b: Weighted Model Counting (Bonus Track)
Rankings A/B (exact)
 with the submission MTMC

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs

MODEL COUNTING COMPETITION 2024



Part of the SAT 2024 Conference

Jean-Marie Lagniez Pierre Marquis

CRIL-CNRS/Université d'Artois

placed

Seventh Place in Track 2b: Weighted Model Counting (Bonus Track)

Rankings A/B (exact)

with the submission d4

Johannes K. Fichte
Linköping University

Markus Hecher
Massachusetts Institute of Technology

Arijit Shaw
Chennai Mathematical Institute

2024 MC Competition Co-chairs