

# MODEL COUNTING COMPETITION 2022



Part of FLoC 2022 (SAT Conference)

**Mate Soos      Kuldeep S. Meel**

National University of Singapore

ranked

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

**Ranking A: Exact(arb)**

with the submission SharpSAT-td-Arjun

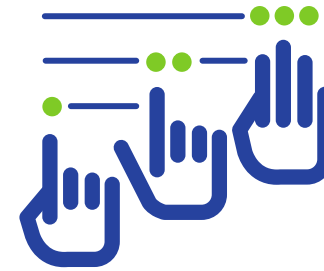
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Johannes K. Fichte, TU Wien  
2022 MC Program Committee Co-chairs

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Markus Hecher, TU Wien

# MODEL COUNTING COMPETITION 2022



Part of FLoC 2022 (SAT Conference)

**Yong Lai      Mate Soos      Yash Pote**  
**Roland H. C. Yap      Kuldeep S. Meel**

Jilin University China &  
National University of Singapore  
ranked

**Second Place in Track 1: Model Counting**  
**Ranking A: Exact(arb)**  
with the submission ExactMC

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Johannes K. Fichte, TU Wien  
2022 MC Program Committee Co-chairs

---

Markus Hecher, TU Wien

# MODEL COUNTING COMPETITION 2022



Part of FLoC 2022 (SAT Conference)

**Tuukka Korhonen**

**Matti Järvisalo**

University of Bergen &  
University of Helsinki

ranked

**Second Place in Track 1: Model Counting**  
**Ranking A: Exact(arb)**  
with the submission SharpSAT-TD

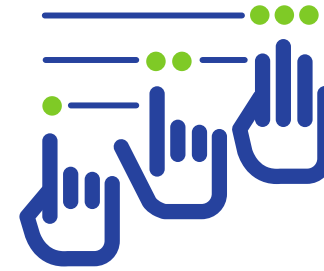
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Johannes K. Fichte, TU Wien  
2022 MC Program Committee Co-chairs

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Markus Hecher, TU Wien

# MODEL COUNTING COMPETITION 2022



Part of FLoC 2022 (SAT Conference)

**Pierre Marquis**      **Jean-Marie Lagniez**

CRIL-CNRS/Université d'Artois

ranked

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

**Ranking A: Exact(arb)**

with the submission d4

---

Johannes K. Fichte, TU Wien  
2022 MC Program Committee Co-chairs

---

Markus Hecher, TU Wien



# MODEL COUNTING COMPETITION 2022



Part of FLoC 2022 (SAT Conference)

**Kenji Hashimoto      Shota Yap**

Nagoya University

ranked

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

**Ranking A: Exact(arb)**

with the submission gpmc

---

Johannes K. Fichte, TU Wien  
2022 MC Program Committee Co-chairs

---

Markus Hecher, TU Wien

# MODEL COUNTING COMPETITION 2022



Part of FLoC 2022 (SAT Conference)

**Ivor Spence**

Queen's University Belfast

ranked

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

**Ranking A: Exact(arb)**

with the submission MTMC

---

Johannes K. Fichte, TU Wien  
2022 MC Program Committee Co-chairs

---

Markus Hecher, TU Wien



# MODEL COUNTING COMPETITION 2022



Part of FLoC 2022 (SAT Conference)

**Vu Phan**

**Jeffrey Dudek**

**Moshe Vardi**

Rice University

ranked

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

**Ranking A: Exact(arb)**

with the submission DPMC

---

Johannes K. Fichte, TU Wien  
2022 MC Program Committee Co-chairs

---

Markus Hecher, TU Wien

# MODEL COUNTING COMPETITION 2022



Part of FLoC 2022 (SAT Conference)

**Adnan Darwiche**

University of California at Los Angeles

ranked

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

**Ranking A: Exact(arb)**

with the submission c2d

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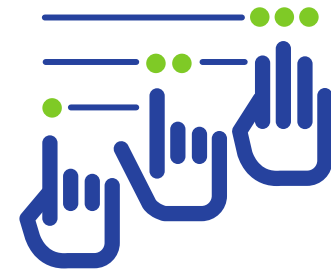
Johannes K. Fichte, TU Wien  
2022 MC Program Committee Co-chairs

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Markus Hecher, TU Wien



# MODEL COUNTING COMPETITION 2022



Part of FLoC 2022 (SAT Conference)

**Mate Soos      Kuldeep S. Meel**

National University of Singapore

ranked

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

**Ranking B: Exact(small)**

with the submission SharpSAT-td-Arjun

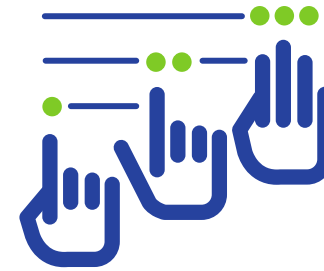
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Johannes K. Fichte, TU Wien  
2022 MC Program Committee Co-chairs

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Markus Hecher, TU Wien

# MODEL COUNTING COMPETITION 2022



Part of FLoC 2022 (SAT Conference)

**Yong Lai**

**Kuldeep S. Meel  
Zhenghang Xu**

**Roland H.C. Yap**

Jilin University China &  
National University of Singapore

ranked

**Second Place in Track 1: Model Counting**  
**Ranking B: Exact(small)**  
with the submission ExactMC

---

Johannes K. Fichte, TU Wien  
2022 MC Program Committee Co-chairs

---

Markus Hecher, TU Wien

# MODEL COUNTING COMPETITION 2022



Part of FLoC 2022 (SAT Conference)

**Tuukka Korhonen**      **Matti Järvisalo**

University of Bergen &  
University of Helsinki

ranked

**Second Place in Track 1: Model Counting**  
**Ranking B: Exact(small)**  
with the submission SharpSAT-TD

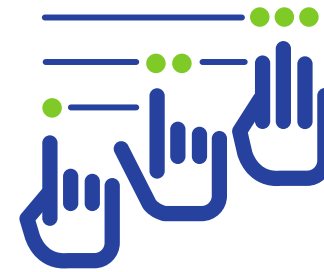
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Johannes K. Fichte, TU Wien  
2022 MC Program Committee Co-chairs

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Markus Hecher, TU Wien

# MODEL COUNTING COMPETITION 2022



Part of FLoC 2022 (SAT Conference)

**Pierre Marquis**      **Jean-Marie Lagniez**

CRIL-CNRS/Université d'Artois

ranked

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

**Ranking B: Exact(small)**

with the submission d4

---

Johannes K. Fichte, TU Wien  
2022 MC Program Committee Co-chairs

---

Markus Hecher, TU Wien



# MODEL COUNTING COMPETITION 2022



Part of FLoC 2022 (SAT Conference)

**Kenji Hashimoto      Shota Yap**

Nagoya University

ranked

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

**Ranking B: Exact(small)**

with the submission gpmc

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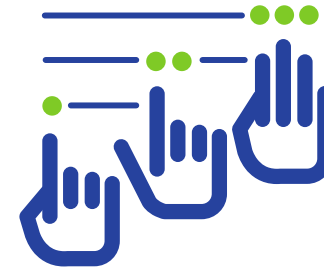
Johannes K. Fichte, TU Wien  
2022 MC Program Committee Co-chairs

---

Markus Hecher, TU Wien



# MODEL COUNTING COMPETITION 2022



Part of FLoC 2022 (SAT Conference)

**Ivor Spence**

Queen's University Belfast

ranked

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

**Ranking B: Exact(small)**

with the submission MTMC

---

Johannes K. Fichte, TU Wien  
2022 MC Program Committee Co-chairs

---

Markus Hecher, TU Wien



# MODEL COUNTING COMPETITION 2022



Part of FLoC 2022 (SAT Conference)

**Vu Phan**

**Jeffrey Dudek**

**Moshe Vardi**

Rice University

ranked

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

**Ranking B: Exact(small)**

with the submission DPMC

---

Johannes K. Fichte, TU Wien  
2022 MC Program Committee Co-chairs

---

Markus Hecher, TU Wien



# MODEL COUNTING COMPETITION 2022



Part of FLoC 2022 (SAT Conference)

**Adnan Darwiche**

University of California at Los Angeles

ranked

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

**Ranking B: Exact(small)**

with the submission c2d

---

Johannes K. Fichte, TU Wien  
2022 MC Program Committee Co-chairs

---

Markus Hecher, TU Wien





# MODEL COUNTING COMPETITION 2022



Part of FLoC 2022 (SAT Conference)

**Sylvester Swats**

Poznan University of Technology

ranked

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

**Ranking B: Exact(small)**

with the submission TwG

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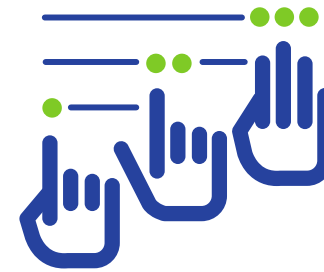
Johannes K. Fichte, TU Wien  
2022 MC Program Committee Co-chairs

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Markus Hecher, TU Wien



# MODEL COUNTING COMPETITION 2022



Part of FLoC 2022 (SAT Conference)

**Mate Soos      Kuldeep S. Meel**

National University of Singapore

ranked

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

**Ranking C: Approx**

with the submission SharpSAT-td-Arjun

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Johannes K. Fichte, TU Wien  
2022 MC Program Committee Co-chairs

---

Markus Hecher, TU Wien

# MODEL COUNTING COMPETITION 2022



Part of FLoC 2022 (SAT Conference)

**Tuukka Korhonen**      **Matti Järvisalo**

University of Bergen &  
University of Helsinki

ranked

**First Place in Track 2: Weighted Model Counting**  
**Ranking A: Exact(arb)**  
with the submission SharpSAT-TD

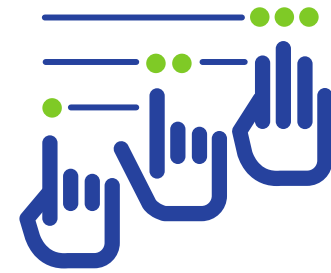
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Johannes K. Fichte, TU Wien  
2022 MC Program Committee Co-chairs

---

Markus Hecher, TU Wien

# MODEL COUNTING COMPETITION 2022



Part of FLoC 2022 (SAT Conference)

**Adnan Darwiche**

University of California at Los Angeles

ranked

**Second Place in Track 2: Weighted Model Counting**

**Ranking A: Exact(arb)**

with the submission c2d

---

Johannes K. Fichte, TU Wien  
2022 MC Program Committee Co-chairs

---

Markus Hecher, TU Wien

# MODEL COUNTING COMPETITION 2022



Part of FLoC 2022 (SAT Conference)

**Vu Phan**

**Jeffrey Dudek**

**Moshe Vardi**

Rice University

ranked

**Third Place in Track 2: Weighted Model Counting**

**Ranking A: Exact(arb)**

with the submission DPMC

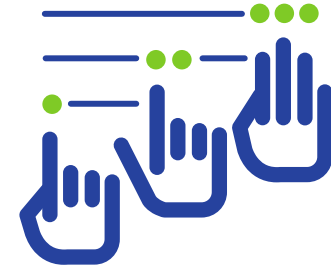
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Johannes K. Fichte, TU Wien  
2022 MC Program Committee Co-chairs

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Markus Hecher, TU Wien

# MODEL COUNTING COMPETITION 2022



Part of FLoC 2022 (SAT Conference)

**Tuukka Korhonen**

**Matti Järvisalo**

University of Bergen &  
University of Helsinki

ranked

**First Place in Track 2: Weighted Model Counting**  
**Ranking B: Exact(small)**  
with the submission SharpSAT-TD

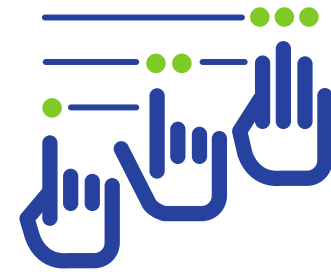
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Johannes K. Fichte, TU Wien  
2022 MC Program Committee Co-chairs

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Markus Hecher, TU Wien

# MODEL COUNTING COMPETITION 2022



Part of FLoC 2022 (SAT Conference)

**Kenji Hashimoto      Shota Yap**

Nagoya University

ranked

**Second Place in Track 2: Weighted Model Counting**

**Ranking B: Exact(small)**

with the submission gpmc

---

Johannes K. Fichte, TU Wien  
2022 MC Program Committee Co-chairs

---

Markus Hecher, TU Wien

# MODEL COUNTING COMPETITION 2022



Part of FLoC 2022 (SAT Conference)

**Pierre Marquis**      **Jean-Marie Lagniez**

CRIL-CNRS/Université d'Artois

ranked

**Third Place in Track 2: Weighted Model Counting**

**Ranking B: Exact(small)**

with the submission d4

---

Johannes K. Fichte, TU Wien  
2022 MC Program Committee Co-chairs

---

Markus Hecher, TU Wien





# MODEL COUNTING COMPETITION 2022



Part of FLoC 2022 (SAT Conference)

**Vu Phan**

**Jeffrey Dudek**

**Moshe Vardi**

Rice University

ranked

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

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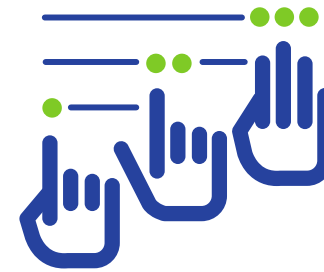
Johannes K. Fichte, TU Wien  
2022 MC Program Committee Co-chairs

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Markus Hecher, TU Wien



# MODEL COUNTING COMPETITION 2022



Part of FLoC 2022 (SAT Conference)

**Kenji Hashimoto      Shota Yap**

Nagoya University

ranked

**First Place in Track 3: Projected Model Counting  
Ranking A: Exact(arb)  
with the submission gpmc**

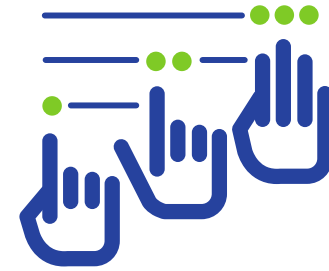
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Johannes K. Fichte, TU Wien  
2022 MC Program Committee Co-chairs

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Markus Hecher, TU Wien

# MODEL COUNTING COMPETITION 2022



Part of FLoC 2022 (SAT Conference)

**Pierre Marquis**      **Jean-Marie Lagniez**

CRIL-CNRS/Université d'Artois

ranked

**Second Place in Track 3: Projected Model Counting**

**Ranking A: Exact(arb)**

with the submission d4

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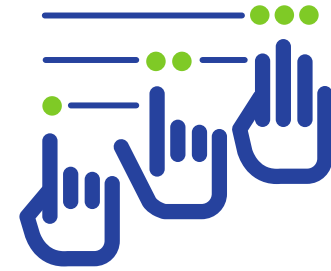
Johannes K. Fichte, TU Wien  
2022 MC Program Committee Co-chairs

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Markus Hecher, TU Wien



# MODEL COUNTING COMPETITION 2022



Part of FLoC 2022 (SAT Conference)

**Mate Soos      Kuldeep S. Meel**

National University of Singapore

ranked

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

**Ranking A: Exact(arb)**

with the submission SharpSAT-td-Arjun

---

Johannes K. Fichte, TU Wien  
2022 MC Program Committee Co-chairs

---

Markus Hecher, TU Wien

# MODEL COUNTING COMPETITION 2022



Part of FLoC 2022 (SAT Conference)

**Vu Phan**

**Jeffrey Dudek**

**Moshe Vardi**

Rice University

ranked

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

---

Johannes K. Fichte, TU Wien  
2022 MC Program Committee Co-chairs

---

Markus Hecher, TU Wien



# MODEL COUNTING COMPETITION 2022



Part of FLoC 2022 (SAT Conference)

**Mate Soos      Kuldeep S. Meel**

National University of Singapore

ranked

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

**Ranking C: Approx**

with the submission SharpSAT-td-Arjun

---

Johannes K. Fichte, TU Wien  
2022 MC Program Committee Co-chairs

---

Markus Hecher, TU Wien

# MODEL COUNTING COMPETITION 2022



Part of FLoC 2022 (SAT Conference)

**Vu Phan**

**Jeffrey Dudek**

**Moshe Vardi**

Rice University

ranked

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

---

Johannes K. Fichte, TU Wien  
2022 MC Program Committee Co-chairs

---

Markus Hecher, TU Wien



# MODEL COUNTING COMPETITION 2022



Part of FLoC 2022 (SAT Conference)

**Kenji Hashimoto      Shota Yap**

Nagoya University

ranked

**First Place in Track 4: Projected Weighted Model Counting**  
**Ranking B: Exact(small)**  
with the submission gpmc

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Johannes K. Fichte, TU Wien  
2022 MC Program Committee Co-chairs

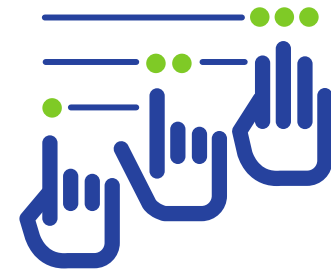
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Markus Hecher, TU Wien





# MODEL COUNTING COMPETITION 2022



Part of FLoC 2022 (SAT Conference)

**Vu Phan**

**Jeffrey Dudek**

**Moshe Vardi**

Rice University

ranked

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

---

Johannes K. Fichte, TU Wien  
2022 MC Program Committee Co-chairs

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Markus Hecher, TU Wien