

MODEL COUNTING COMPETITION 2021



Part of the SAT 2021 Conference

Tuukka Korhonen **Matti Järvisalo**

University of Helsinki

ranked

First Place in Track 1: Model Counting
with the submission SharpSAT-TD

Johannes K. Fichte, TU Dresden
2021 MC Program Committee Co-chairs

Markus Hecher, TU Wien, U. Potsdam



MODEL COUNTING COMPETITION 2021



Part of the SAT 2021 Conference

Shubham Sharma Yong Lai Zhenghang Xu Subhajt Roy
Roland H.C. Yap Mate Soos Kuldeep S. Meel

National University of Singapore &
Indian Institute of Technology Kanpur & Jilin University

ranked

Second Place in Track 1: Model Counting
with the submission nus-narasimha (2021)

Johannes K. Fichte, TU Dresden
2021 MC Program Committee Co-chairs



Markus Hecher, TU Wien, U. Potsdam



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Database and Artificial
Intelligence Group



MODEL COUNTING COMPETITION 2021



Part of the SAT 2021 Conference

Pierre Marquis **Jean-Marie Lagniez**

CRIL-CNRS/Université d'Artois

ranked

Third Place in Track 1: Model Counting
with the submission d4 (2021)

Johannes K. Fichte, TU Dresden
2021 MC Program Committee Co-chairs

Markus Hecher, TU Wien, U. Potsdam



MODEL COUNTING COMPETITION 2021



Part of the SAT 2021 Conference

Kenji Hashimoto **Takaaki Isogai**

Nagoya University

ranked

Fourth Place in Track 1: Model Counting
with the submission gpmc (v1.0.1)

Johannes K. Fichte, TU Dresden
2021 MC Program Committee Co-chairs

Markus Hecher, TU Wien, U. Potsdam



MODEL COUNTING COMPETITION 2021



Part of the SAT 2021 Conference

Sylvester Swats

Poznan University of Technology

ranked

Fifth Place in Track 1: Model Counting

with the submission MC2021_swats

Johannes K. Fichte, TU Dresden
2021 MC Program Committee Co-chairs

Markus Hecher, TU Wien, U. Potsdam



MODEL COUNTING COMPETITION 2021



Part of the SAT 2021 Conference

Vu Phan

Jeffrey Dudek

Moshe Vardi

Rice University

ranked

Fifth Place in Track 1: Model Counting
with the submission DPMC (2021)

Johannes K. Fichte, TU Dresden
2021 MC Program Committee Co-chairs

Markus Hecher, TU Wien, U. Potsdam



MODEL COUNTING COMPETITION 2021



Part of the SAT 2021 Conference

Adnan Darwiche

University of California at Los Angeles

ranked

Seventh Place in Track 1: Model Counting

with the submission c2d (v3.0.0 MC2021)

Johannes K. Fichte, TU Dresden
2021 MC Program Committee Co-chairs

Markus Hecher, TU Wien, U. Potsdam



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MODEL COUNTING COMPETITION 2021



Part of the SAT 2021 Conference

Daniel Pehoushek

Independent Contributor from Chincinati

ranked

Eighth Place in Track 1: Model Counting
with the submission bob

Johannes K. Fichte, TU Dresden
2021 MC Program Committee Co-chairs

Markus Hecher, TU Wien, U. Potsdam



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MODEL COUNTING COMPETITION 2021

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Ivor Spence

Queens University Belfast

ranked

Ninth Place in Track 1: Model Counting
with the submission SUMC2

Johannes K. Fichte, TU Dresden
2021 MC Program Committee Co-chairs

Markus Hecher, TU Wien, U. Potsdam



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MODEL COUNTING COMPETITION 2021



Part of the SAT 2021 Conference

Tuukka Korhonen **Matti Järvisalo**

University of Helsinki

ranked

First Place in Track 2: Weighted Model Counting
with the submission SharpSAT-TD

Johannes K. Fichte, TU Dresden
2021 MC Program Committee Co-chairs

Markus Hecher, TU Wien, U. Potsdam



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MODEL COUNTING COMPETITION 2021



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Jean-Marie Lagniez **Pierre Marquis**

CRIL-CNRS/Université d'Artois

ranked

Second Place in Track 2: Weighted Model Counting
with the submission d4 (2021)

Johannes K. Fichte, TU Dresden
2021 MC Program Committee Co-chairs

Markus Hecher, TU Wien, U. Potsdam



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MODEL COUNTING COMPETITION 2021

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Adnan Darwiche

University of California at Los Angeles

ranked

Third Place in Track 2: Weighted Model Counting
with the submission c2d (v3.0.0 MC2021)

Johannes K. Fichte, TU Dresden
2021 MC Program Committee Co-chairs



Markus Hecher, TU Wien, U. Potsdam



MODEL COUNTING COMPETITION 2021



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Vu Phan

Jeffrey Dudek

Moshe Vardi

Rice University

ranked

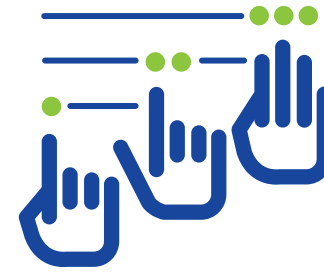
Fourth Place in Track 2: Weighted Model Counting
with the submission DPMC (2021)

Johannes K. Fichte, TU Dresden
2021 MC Program Committee Co-chairs

Markus Hecher, TU Wien, U. Potsdam



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Shubham Sharma Yong Lai Zhenghang Xu Subhajt Roy
Roland H.C. Yap Mate Soos Kuldeep S. Meel

National University of Singapore &
Indian Institute of Technology Kanpur & Jilin University

ranked

Fifth Place in Track 2: Weighted Model Counting
with the submission nus-narasimha (2021)

Johannes K. Fichte, TU Dresden
2021 MC Program Committee Co-chairs



Markus Hecher, TU Wien, U. Potsdam



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MODEL COUNTING COMPETITION 2021



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Kenji Hashimoto **Takaaki Isogai**

Nagoya University

ranked

First Place in Track 3: Projected Model Counting
with the submission gpmc (v1.0.1)

Johannes K. Fichte, TU Dresden
2021 MC Program Committee Co-chairs

Markus Hecher, TU Wien, U. Potsdam



MODEL COUNTING COMPETITION 2021



Part of the SAT 2021 Conference

Pierre Marquis **Jean-Marie Lagniez**

CRIL-CNRS/Université d'Artois

ranked

Second Place in Track 3: Projected Model Counting
with the submission d4 (2021)

Johannes K. Fichte, TU Dresden
2021 MC Program Committee Co-chairs



Markus Hecher, TU Wien, U. Potsdam



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with the submission nus-narasimha (2021)

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Markus Hecher, TU Wien, U. Potsdam



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MODEL COUNTING COMPETITION 2021



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Kenji Hashimoto **Takaaki Isogai**

Nagoya University

ranked

Fourth Place in Track 3: Projected Model Counting
with the submission pc2bdd

Johannes K. Fichte, TU Dresden
2021 MC Program Committee Co-chairs

Markus Hecher, TU Wien, U. Potsdam



MODEL COUNTING COMPETITION 2021



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Vu Phan

Jeffrey Dudek

Moshe Vardi

Rice University

ranked

Fifth Place in Track 3: Projected Model Counting
with the submission ProCount (2021)

Johannes K. Fichte, TU Dresden
2021 MC Program Committee Co-chairs

Markus Hecher, TU Wien, U. Potsdam



MODEL COUNTING COMPETITION 2021

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Adnan Darwiche

University of California at Los Angeles

ranked

Sixth Place in Track 3: Projected Model Counting
with the submission c2d (v3.0.0 MC2021)

Johannes K. Fichte, TU Dresden
2021 MC Program Committee Co-chairs



Markus Hecher, TU Wien, U. Potsdam



MODEL COUNTING COMPETITION 2021



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Tuukka Korhonen **Matti Järvisalo**

University of Helsinki

ranked

First Place in Track 4: Model Counting (harder/low confidence)
with the submission SharpSAT-TD

Johannes K. Fichte, TU Dresden
2021 MC Program Committee Co-chairs

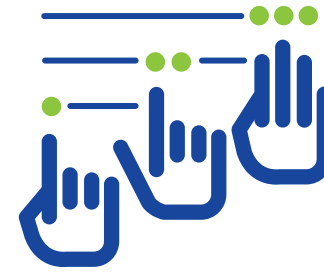
Markus Hecher, TU Wien, U. Potsdam



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Shubham Sharma Yong Lai Zhenghang Xu Subhajit Roy
Roland H.C. Yap Mate Soos Kuldeep S. Meel

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Indian Institute of Technology Kanpur & Jilin University

ranked

Second Place in Track 4: Model Counting (harder/low confidence)
with the submission nus-narasimha (2021)

Johannes K. Fichte, TU Dresden
2021 MC Program Committee Co-chairs



Markus Hecher, TU Wien, U. Potsdam



MODEL COUNTING COMPETITION 2021



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Pierre Marquis **Jean-Marie Lagniez**

CRIL-CNRS/Université d'Artois

ranked

Third Place in Track 4: Model Counting (harder/low confidence)
with the submission d4 (2021)

Johannes K. Fichte, TU Dresden
2021 MC Program Committee Co-chairs

Markus Hecher, TU Wien, U. Potsdam



MODEL COUNTING COMPETITION 2021

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Adnan Darwiche

University of California at Los Angeles

ranked

Fourth Place in Track 4: Model Counting (harder/low confidence)
with the submission c2d (v3.0.0 MC2021)

Johannes K. Fichte, TU Dresden
2021 MC Program Committee Co-chairs



Markus Hecher, TU Wien, U. Potsdam



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Vu Phan

Jeffrey Dudek

Moshe Vardi

Rice University

ranked

Fifth Place in Track 4: Model Counting (harder/low confidence)
with the submission DPMC (2021)

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Sylvester Swats

Poznan University of Technology

ranked

Sixth Place in Track 4: Model Counting (harder/low confidence)

with the submission MC2021_swats

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2021 MC Program Committee Co-chairs



Markus Hecher, TU Wien, U. Potsdam



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Ivor Spence

Queens University Belfast

ranked

Seventh Place in Track 4: Model Counting (harder/low confidence)
with the submission SUMC2

Johannes K. Fichte, TU Dresden
2021 MC Program Committee Co-chairs



Markus Hecher, TU Wien, U. Potsdam



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