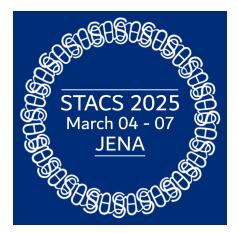
### Welcome to STACS 2025

Olaf Beyersdorff



Olaf Beyersdorff (University of Jena)

### Welcome to STACS 2025



### Strong and diverse programme

#### Today: Tutorial by

- Albert Atserias (UPC Barcelona)
- Proof complexity and its relations to SAT solving



### Three invited talks

#### Wednesday

- Daniel Dadush (CWI Amsterdam)
- A Strongly Polynomial Algorithm for Linear Programs with at most Two Non-zero Entries per Row or Column



### Three invited talks

#### Thursday

- Anupam Das (University of Birmingham)
- Algebras for automata: reasoning with regularity



### Three invited talks

#### Friday

- Susanna F. de Rezende (Lund University)
- Some Recent Advancements in Monotone Circuit Complexity



### 72 contributed talks

#### Two tracks

- Track A: algorithms and data structures, complexity and games
- Track B: automata, logic, semantics and theory of programming programming

# Welcome address (today)

#### by the President

- of Friedrich Schiller University Jena
- Professor Andreas Marx



# Some logistics

#### Venue: Rosensäle

- invited talks in this hall (Room 1)
- contributed talks in Rooms 1 & 2
- concert venue in the 19th century
- Franz Liszt and Clara Wieck (later Clara Schumann) performed here

#### Two retreat rooms (marked 'Meeting room')

- one on this floor (Bohlenstube, from 1430)
- another one downstairs (opposite the reception)

# Social programme

#### Reception

- today, 6:30 pm
- Volkshaus



### Social programme

#### **Conference dinner**

- Thursday, 6:30 pm
- Volksbad



## Social programme

#### **Conference dinner**

- Thursday, 6:30 pm
- Volksbad



# More practical matters

#### Lunch vouchers

- ► in your conference pack
- exchange for a free meal in one of the two dinner halls of the University

#### Your talks

- please use the computers provided in the lecture halls
- upload your presentation in advance

# Organising team

#### Organisers

regocnisable by their green badges

#### SafeToC Advocates

- Marlene Gründel
- Tim Hoffmann
- Kaspar Kasche
- Thomas Schwentick
- Sylvain Schmitz
- Luc Spachmann

### Our sponsors



# in teractive ference









Olaf Beyersdorff (University of Jena)

# The Interactive Matching Challenge

#### The game

- You are a historical person (check your badge)
- and look for another one (check your personalised leaflet).
- If found, please report to stacs2025@uni-jena.de
- If 40 matches are found, Interactive Inference will donate 1,000 Euro to STACS 2026.





### Now

#### Tutorial by

- Albert Atserias (UPC Barcelona)
- Proof complexity and its relations to SAT solving

