

# Department of Statistics

## K J Somaiya College of Science and Commerce

Presents

# 10th year

of



Statistics Fest 2024-25

# 4th December 2024

Sponsored by



**Prof. Prashant Shah**  
Head, Department of Statistics

**Dr. Pradnya Prabhu**  
Principal, KJSSC



# **ABOUT**

## **K J SOMAIYA COLLEGE OF SCIENCE AND COMMERCE**

- **Awarded Empowered Autonomous status**
- **Reaccredited 'A' grade (3.18 CGPA) by NAAC (4th cycle 2023)**
- **Best College Award in Urban Category (2008–2009)**
- **Conferred Autonomous Status by University of Mumbai and UGC (Since 2012)**
- **College with Potential for Excellence' status by UGC (2016)**



# **ABOUT SANKHYASHASTRA**

## **A Decade of Excellence!**

**Welcome to the 10th edition of SANKHYASHASTRA, the annual festival by the Department of Statistics of K J Somaiya College of Science and Commerce. Celebrating a decade of innovation and learning, SANKHYASHASTRA has grown into a vibrant platform for exploring the power of statistics and its limitless applications.**

**This milestone edition promises to be bigger and more dynamic, featuring captivating workshops, challenging competitions, and a celebration of curiosity and collaboration. What began as a spark of enthusiasm has now become a legacy of growth and exploration, inspiring a thriving community of statisticians and data enthusiasts.**

**Join us as we celebrate ten years of statistical brilliance—where curiosity meets innovation, and numbers come alive**



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# **GENERAL RULES & REGULATIONS**

- **All events are free of charge.**
- **Participants must carry a valid ID card for the current academic year to enter the college premises and participate in the events.**
- **Participants are expected to maintain decorum by avoiding use of foul language or damage to college property; violations these rules will result in strict action.**
- **Submitted entries may be used or posted on social media platforms by the organisers.**
- **The administrative team reserves the right to modify event rules at all times if necessary.**
- **Decisions made by the judges or the administrative team will be final and binding.**





**A thrilling competition awaits, testing both gut feeling and strategy. A battle of wits where they must decode a company's puzzle and strategize capital investments to unlock maximum profits. Who will rise to the challenge and conquer the path to victory?**



**SOLO EVENT**



**2 ROUNDS**



**2 WINNERS**

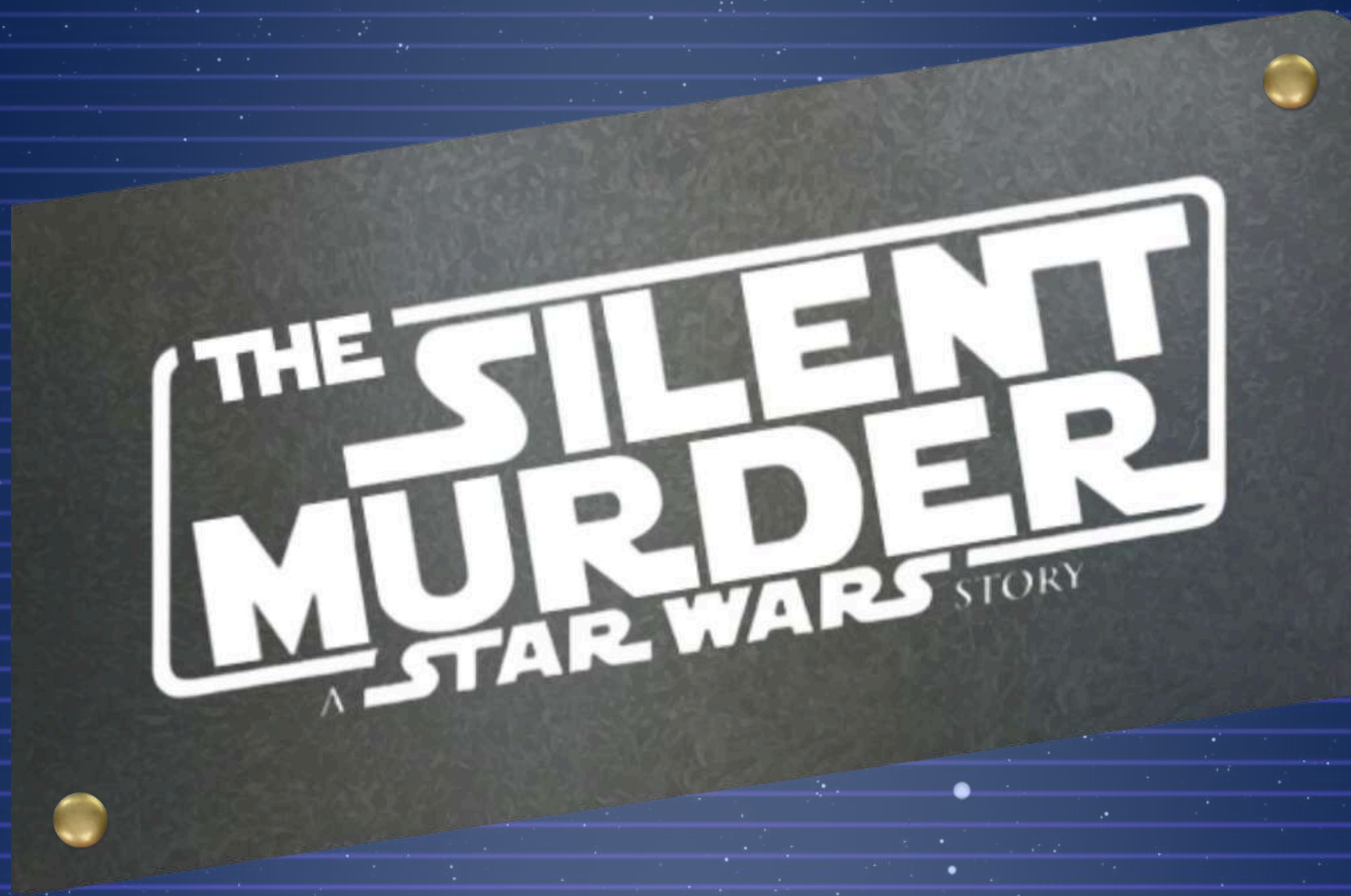




# EVENT RULES

- **Participants will analyze a company case study and be given an initial capital.**
- **They must strategize and allocate the capital to maximize profits.**
- **The two best strategies will be declared winners of the event.**
- **The decision of the event head will be final and binding.**
- **Participants found copying strategies from others will be disqualified.**





**In a galaxy far, far away, a mysterious death has shaken the core of the Galactic Senate. Now, it's up to you to unravel a web of lies, secrets, and suspects. Each clue brings you closer to the truth—but beware, not everything is as it seems. You must carefully piece together the story, putting the storyline points in correct order to uncover the true culprit. Can you solve the mystery before the galaxy is consumed by chaos?**



**DUO EVENT**



**1 ROUND**



**1 WINNER**





# EVENT RULES

- **Each team will receive a set of questions. Every correct answer will provide a crucial storyline point that unravels the mystery.**
- **They have to put the storyline points in correct order to resch the true killer.**
- **Participants are strictly prohibited from discussing or sharing information with members of other teams. Communication is limited to teammates only.**
- **The team with the most accurate answer identifying who committed the crime, why it was done and how it was carried out will be declared the winner.**
- **Answers will only be considered valid if all three elements (who, why and how) are correctly identified.**
- **In case of any disputes, the decision of the event head will be final and binding.**
- **Any participant found violating the rules will face immediate disqualification.**





**A unique game that combines statistical knowledge with musical expertise. Players are challenged to apply their statistical skills to solve problems, while also showcasing their musical knowledge by identifying popular songs and their singers. Will you emerge as the ultimate "Melody-Stats" champion?**



**SOLO EVENT**



**1 ROUND**



**3 WINNERS**





# EVENT RULES

- 1. The game consists of 2 simultaneous rounds: a statistical multiple-choice question round and a music identification round.**
- 2. Players must use their statistical knowledge to answer questions on probability, data analysis, and inference. Meanwhile, their musical knowledge will be put to the test as they identify songs and artists.**
- 3. Top 3 participants with the highest scores will be crowned winners!**
- 4. Tiebreaker rounds will settle any ties.**
- 5. No assistance or outside help is allowed during the question-solving or song-identifying.**
- 6. If any dispute occurs, the event head's decision will be final.**
- 7. Anyone found violating the rules shall be disqualified immediately.**



CRACK THE **MYSTERY**,  
TO OPEN THE BOX OF **VICTORY**.

ELIMINATE THE **REST**,  
TO PROVE YOU'RE THE **BEST**.



BATTLE THE **BLAZE**,  
IN THE RAPID-FIRE **MAZE**.

ONE WRONG **CALL**,  
AND YOU MIGHT JUST **FALL**.

"NUMBERS RULE, NO LOOKING **BACK**,  
CLAIM YOUR CROWN AT **STAT-ATTACK**"

An exciting game designed to  
test your statistical skills in a fun  
and competitive way. With  
multiple rounds of challenging  
questions, participants will  
compete to showcase their  
knowledge and claim the title of  
the ultimate stats champion. Join  
us and prove your expertise!



**DUO EVENT**



**4 ROUNDS**



**3 WINNERS**





# EVENT RULES

- **Team Composition:**  
Teams must consist of 2 participants each.
- **Signal to Answer:**  
Raise your paddle first to grab the chance to answer.
- **Point System:**  
Correct answers earn 10 points;  
subsequent attempts earn 5 points.
- **Time Limit:**  
Teams must answer within the specified time after signaling.
- **Fair Play:**  
No talking or discussing answers with other teams.
- **Judge's Call:**  
All decisions by the judge are final and binding.
- **Advancement Criteria:**  
Top teams from each round move forward.





**A riveting and adrenaline-fueled contest, where skill meets strategy and chance turns into triumph. First, in Precision Point, unlock an advantage with knowledge, then take aim and let fate follow. Only a select few will move forward to Symbolic Search, where symbols and strategy intertwine. The path to victory is unclear, but with the right blend of precision and insight, the crown could be yours. Can you beat the odds, or will luck have the last word?**



**SOLO EVENT**



**2 ROUNDS**





# EVENT RULES

## ROUND 1 PRECISION POINT:

1. Participants will be presented with a set of questions; ranging from easy to difficult. Each correct answer grants a certain number of points.
2. The accumulated points will translate into advantages when they step up to the dartboard.
3. Each participant will throw darts at the dartboard one by one.
4. The top 5 participants with the highest dart score will move to the next round.
5. No assistance or outside help is allowed during the question-solving phase or dart-throwing.

## ROUND 2 SYMBOLIC SEARCH:

1. Each participant is assigned a unique symbol that will be marked on balloons.
2. Participants will be given a question and after answering correctly, they earn the right to search for and burst a balloon with their symbol on it.
3. Once a balloon is found and burst, the participant must return to solve another question.
4. The process continues until a participant bursts all their balloons and is declared the winner.
5. Only one balloon can be burst per correct answer; incorrect answers result in losing a turn.





**Lines, bars, and numbers in  
perfect array, How will you  
show what the data can say?  
From simple to complex, the  
story must flow, In 'Graphitti,'  
where insights grow. Can you  
turn stats into something  
profound, Where creativity  
and data are truly unbound?**



**SOLO EVENT**



**1 ROUND**





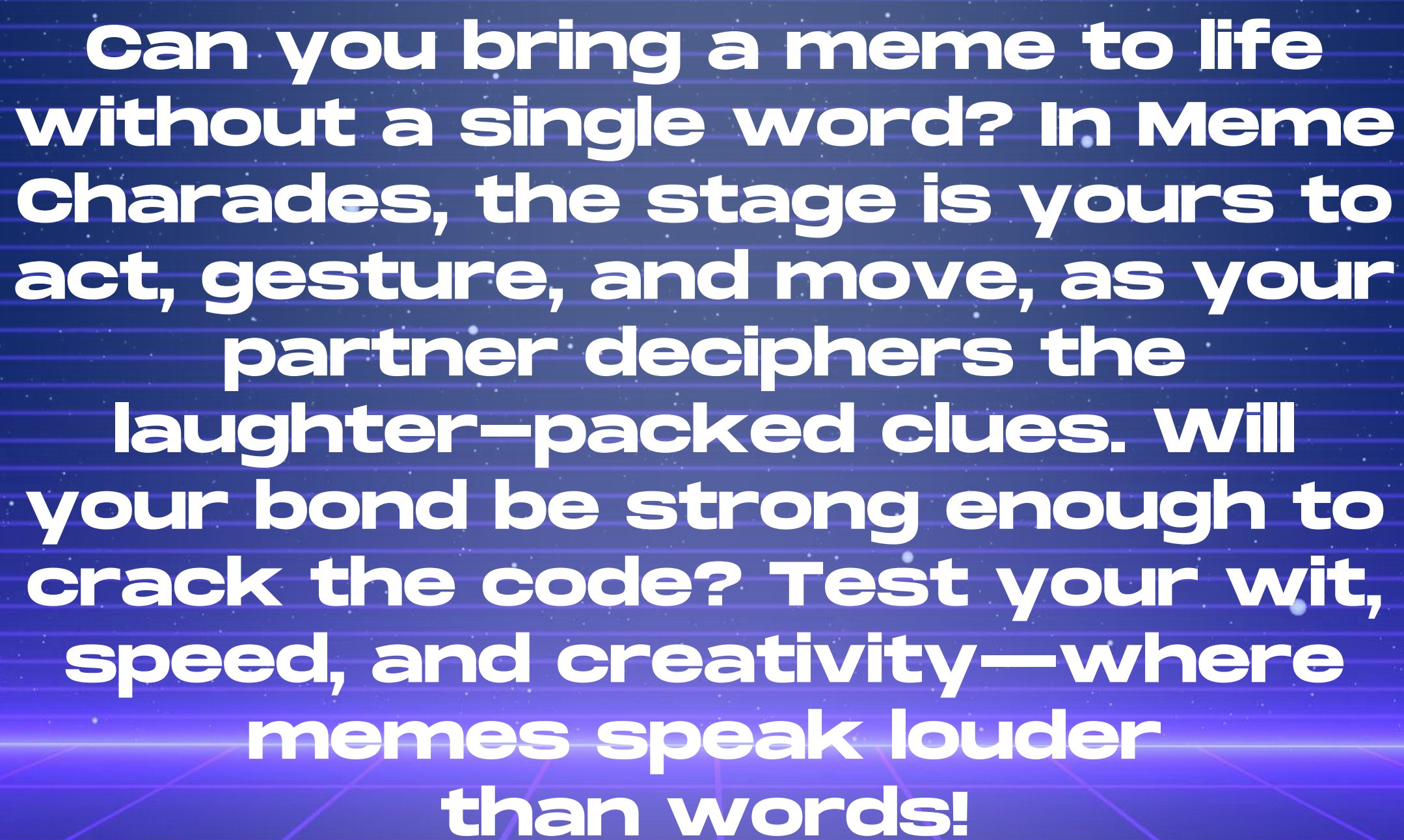
# EVENT RULES

**The topics for the posters are:**

- 1. Applications of Statistics**
- 2. Statistics in day-to-day life**
- 3. Stats & AI: Partners in Progress**

- Posters must be of size A3.**
- Completed posters should be submitted on the day of the event.**
- Both hand-drawn and digital posters will be accepted.**
- The design should be relevant to the theme of the competition.**
- Posters will be displayed in the college, and winners will be determined by votes.**





# AN ALL DAY FUN EVENT



# EVENT RULES

- **One partner draws a slip from the bowl and acts out the meme shown using hand signals and body motions but no spoken words.**
- **The second partner has to guess the meme correctly.**
- **The duos with the most correct guesses under 60 seconds will advance to the second round where the memes will be more challenging.**
- **Talking or lipsync while guessing is prohibited**
- **Players must respect their opponents and refrain from**
- **any unsportsmanlike conduct.**
- **Any acts of cheating will be regarded as disqualification.**



# REGISTRATION

IMMERSE YOURSELF IN THE FASCINATING  
WORLD OF STATISTICS, PACKED WITH  
NUMBERS, CHALLENGES, & EXCITEMENT!

**CLICK HERE TO REGISTER NOW!**



## OPENING CEREMONY

🕒 **09:00am**

📍 **Seminar Hall, 1st floor, KJSSC**

**SEE YOU THERE!**

**FOR ANY QUERIES  
CONTACT US:**

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Chairperson

Vice-Chairperson

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