PAMI Technical Committee Meeting

Community

CVPR 2022

IEEE COMPUTER SOCIETY

Agenda

- Intro and Thank Yous
- Update from IEEE CS President
- TC Awards Recap
- CVPR 2022 Report
- TC Ombud Report
- Sponsorship Update
- Meeting Updates
- TC Updates
- Motions and discussion
  - Withdrawn Submissions
  - Authors as Reviewers
  - Penalties for Reviewing Violations
  - Statement on Invasion of Ukraine

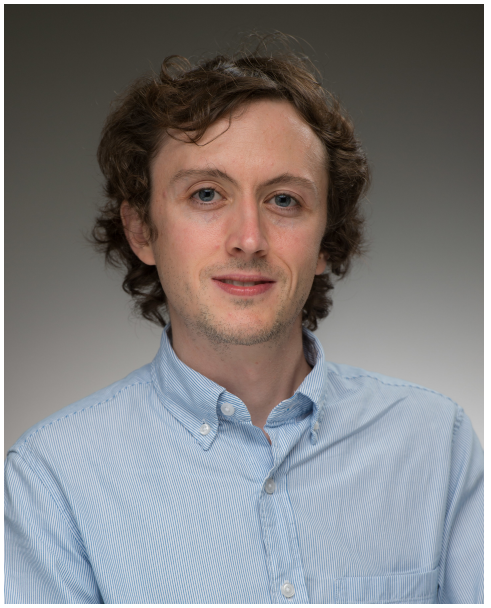
Intro and Thanks Yous

New TC Chair: Walter Scheirer (University of Notre Dame)

Email: walter.scheirer@nd.edu

Website: https://www.wjscheirer.com

Twitter: @wjscheirer



Big Thanks to Outgoing TC Chair Bryan Morse

CVPR Pandemic MVP
Nicole Finn

Tremendous Work Over The Past Two Years From the CVPR Sponsors

IEEE Computer Society

Melissa Russell

Carmen Saliba

Computer Vision Foundation

Ramin Zabih

Gerard Medioni

Terry Boult

Update from IEEE Computer Society President Bill Gropp

PAMI TC Awards

PAMITC Awards

Longuet-Higgins Prize

Young Researcher Award

Thomas Huang Memorial Prize

PAMITC Award Committees

Longuet-Higgins prize: R. Hartley (chair), A. Blake, A. Yuille, B. Kimia, S. Belongie, J. Luo

Young Researcher award: T. Tuytelaars (chair), G. Medioni, N. Paragios, S. Seitz, S. Lazebnik

Thomas Huang Memorial prize: R. Zabih (chair), A. Fitzgibbon, C. Schmid, D. Fleet, E. Grimson, H. Shi, K. M. Lee, M. J. Black, R. Chellappa, R. Hartley

Longuet-Higgins Prize

Are We Ready for Autonomous Driving? The KITTI Vision Benchmark Suite

Andreas Geiger, Philip Lenz, Raquel Urtasun

Young Researcher Awards

Bharath Hariharan
Cornell

Olga Russakovsky
Princeton

Thomas Huang Memorial Prize

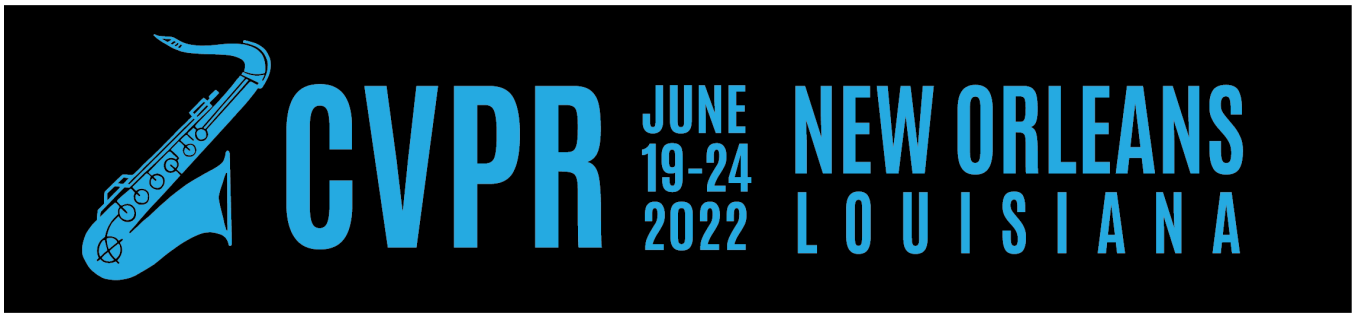
The Thomas Huang Memorial Prize was established to recognize and honor distinguished individuals with long-standing service, research, and mentoring within the computer vision community.

Prof. Thomas Shi-Tao Huang
黃煦濤 | 黄煦涛
(1936-2020)

Thomas Huang Memorial Prize

Fei-Fei Li
Stanford

CVPR 2022 Report



A Hybrid Meeting After Two Years of Virtual Meetings

Our Last In-Person Meeting: Long Beach, CA 2019

Number of Papers Submitted: 5,160
Number of Papers Accepted: 1,294
Attendance: 9,375

This year's CVPR

Number of Papers Submitted: 8,161
Number of Papers Accepted: 2,064
In-Person Attendance: 5,621
Virtual Attendance: 4,316

CVPR Expo

Our Last In-Person Meeting: Long Beach, CA 2019

Number of Companies Participating: 181

This year's CVPR

Number of Companies Participating: 116

Fostering a Healthy Community

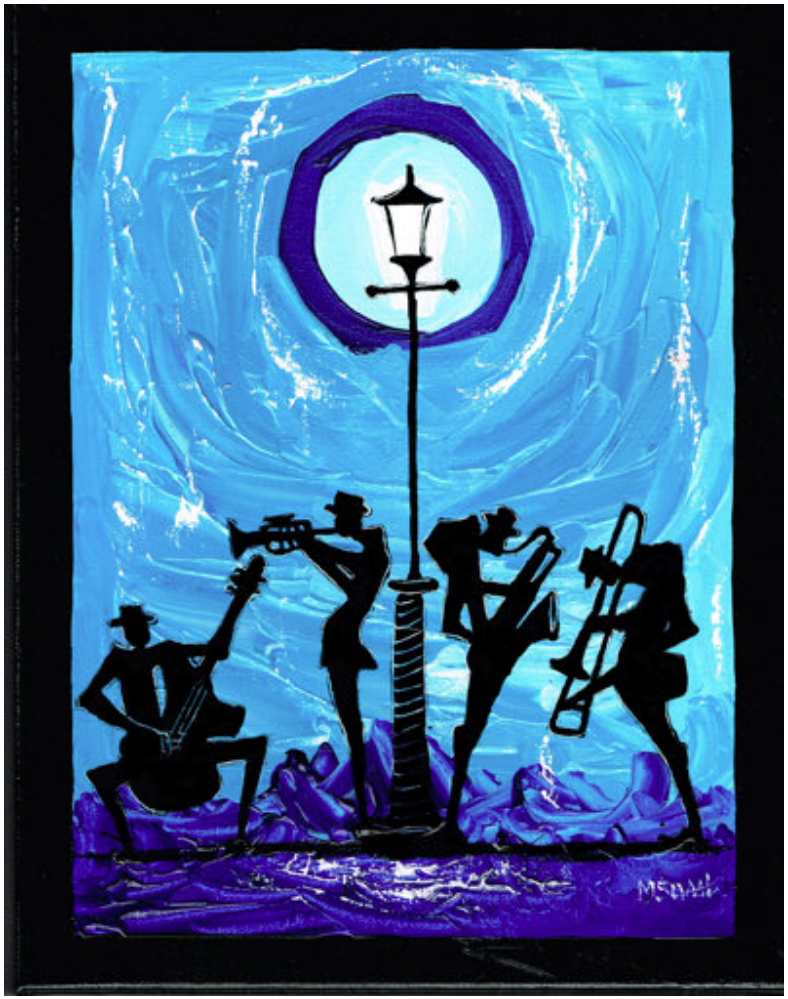
Initiatives for CVPR 2022

- On-Site Childcare
- Senior PAMI-TC Ombuds (David Forsyth and Linda Shapiro)
- CVPR 2022 Ombuds (Kate Saenko and Noah Snavely)
- DEI Registration Waivers: 55 in-person, 701 virtual (wow!)
- DEI Travel Grants: 213 travel grants awarded to recipients from 46 countries spanning 6 continents
- Affinity Group Meetings (Women in Computer Vision, LatinX in Computer Vision Research)
- Encouraged diversity in workshop and tutorial teams
- Technical Workshops on DEI topics
- Local High School Students Visit Conference

DEI Chairs

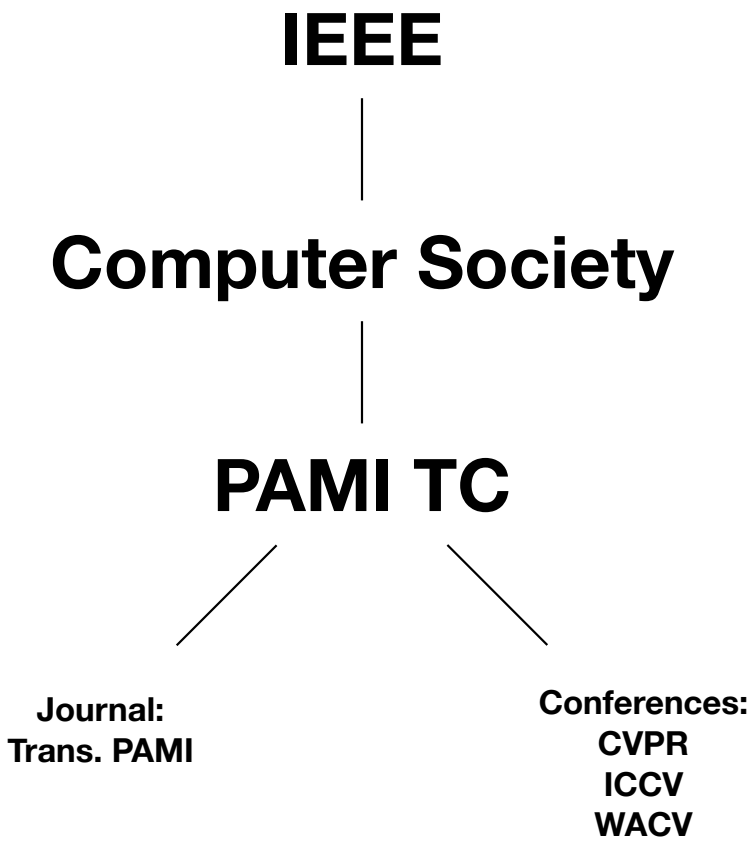
Shuran Song

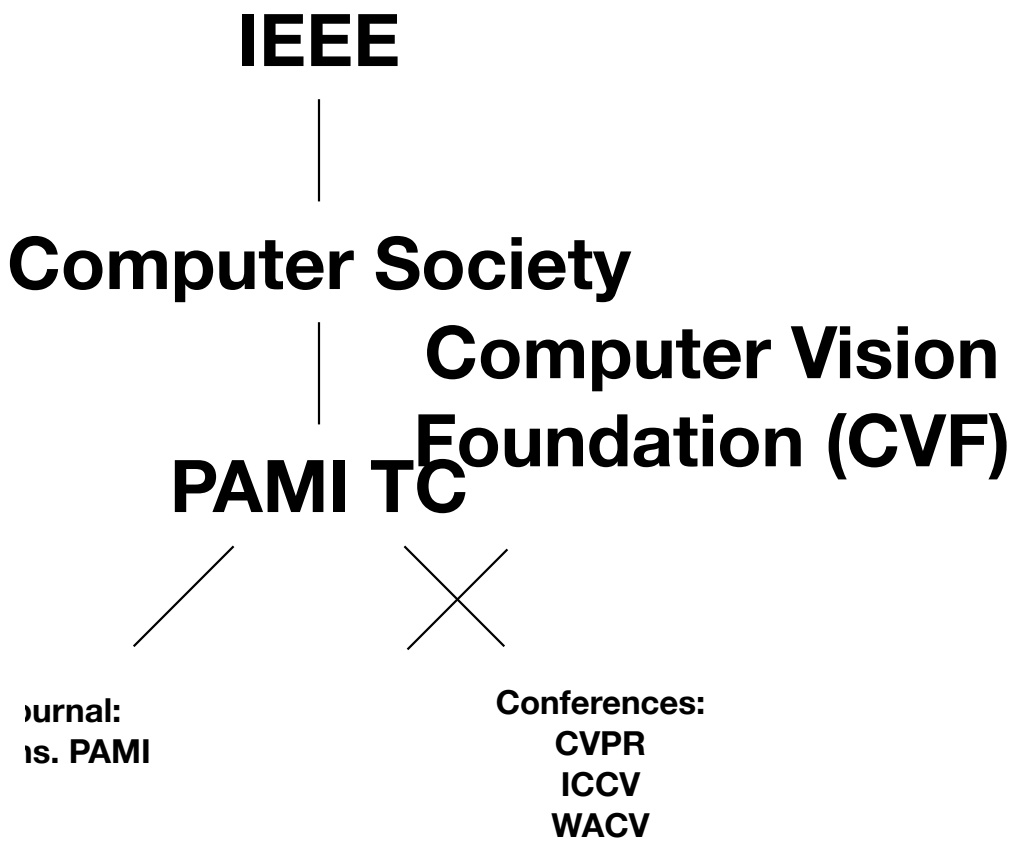
Noah Snavely



TC Ombud Report

Sponsorship Update


IEEE
Computer Society
PAMI TC
Journal:
Trans. PAMI
Conferences:
CVPR
ICCV
WACV


IEEE
Computer Society
Computer Vision
Foundation (CVF)
PAMI TC
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ıs. PAMI
Conferences:
CVPR
ICCV
WACV

IEEE/CVF Partnership

- Co-sponsorship agreements in place for CVPR and ICCV through 2025
- Co-sponsorship agreements in place for WACV through 2024
- Working on an agreements for CVPR through 2030

Meeting Updates

Upcoming Meetings

ICCP 2022: Pasadena, CA	August 2022
AIPR 2022: Washington, DC	October 2022
AVSS 2022: Madrid, Spain (H)	Nov-Dec 2022
WACV 2023: Waikoloa, HI (H)	January 2023
FG 2023: Waikoloa, HI (H)	January 2023
CVPR 2023: Vancouver, CAN (H)	June 2023
ICCV 2023: Paris, France	October 2023
CVPR 2024: Seattle, WA	June 2024
CVPR 2025: Nashville, TN	June 2025
ICCV 2025: Xi’an, China	Oct–Nov 2025
CVPR 2026: Denver, CO	June 2026
CVPR 2027: Seattle, WA	June 2027

(H)ybrid

TC Updates

Misc. TC Info

- Excellent health in all metrics
  - Strong conferences
    (CVPR, ICCV: largest IEEE CS meetings other than SC)
  - High-impact journal (Trans. PAMI)
  - Monthly newsletter, etc.
- Chair election earlier this year — good for two years

  ➡ Anyone considering running for the position next time should contact me about getting more involved now

TC Finances

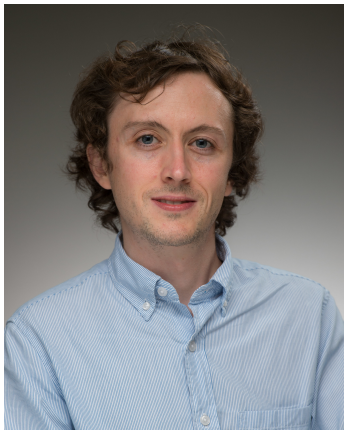
- Conference budgets have been healthy
  - Attendance growth (~40% per year since 2014)
  - Sponsorship/exhibition growth (now roughly 1/2 conference income)
- Hard to predict meeting growth!
  - Budget conservatively; plan space generously
  - Avoids losses but can lead to surplus
  - Surplus has mostly gone to improving attendee experience while keeping rates down
- Of IEEE's share of the surplus,
  - 1/3 stays within IEEE CS to support pubs (TPAMI), education, etc.
  - 1/3 goes to our meeting year after next
  - 1/3 goes to the TC and can be used accumulate reserves

TC Finances

- TC reserves/budget:
  - Have accumulated roughly $500
  - Budgeted $274K this year:
    - Recurring things like IAPR membership, etc.
    - TC awards for both CVPR and ICCV
    - Student support:
      - ➡ Increased student support, doctoral consortium, etc.
      - ➡ Financial backstop if conference can't support it out of surplus
  - Remainder accumulates as a "rainy day" fund to offset any future losses

TC Executive Committee

TC Chair



Walter Scheirer

TC Chair Emeritus

Bryan Morse

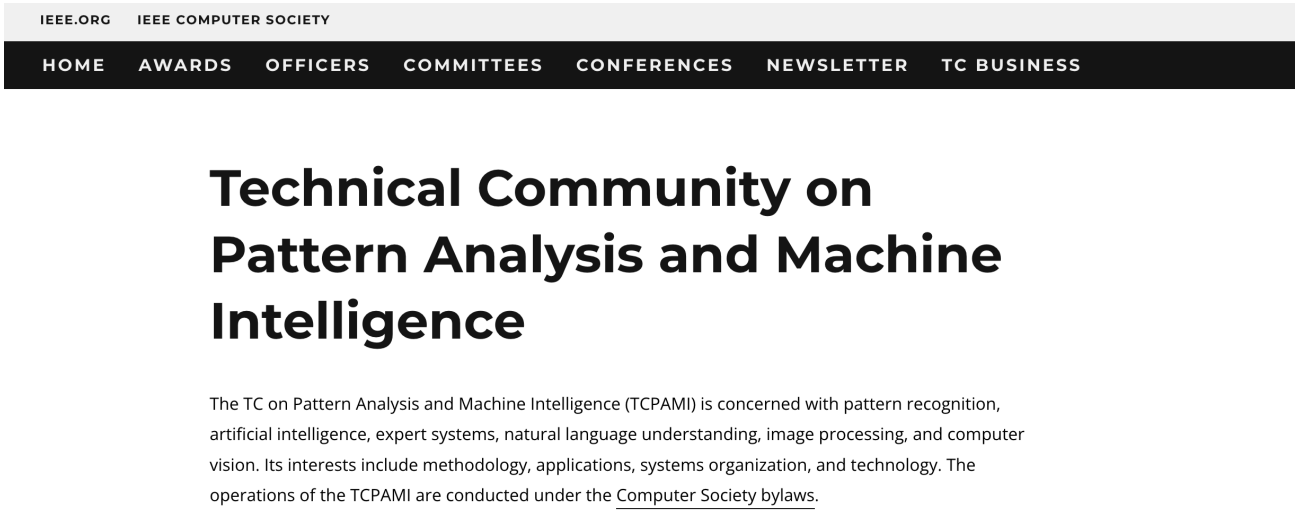
Website Operations

Aparna Bharati

To Fill: TC Vice Chair, Social Media Operations

TC Website

https://tc.computer.org/tcpami/

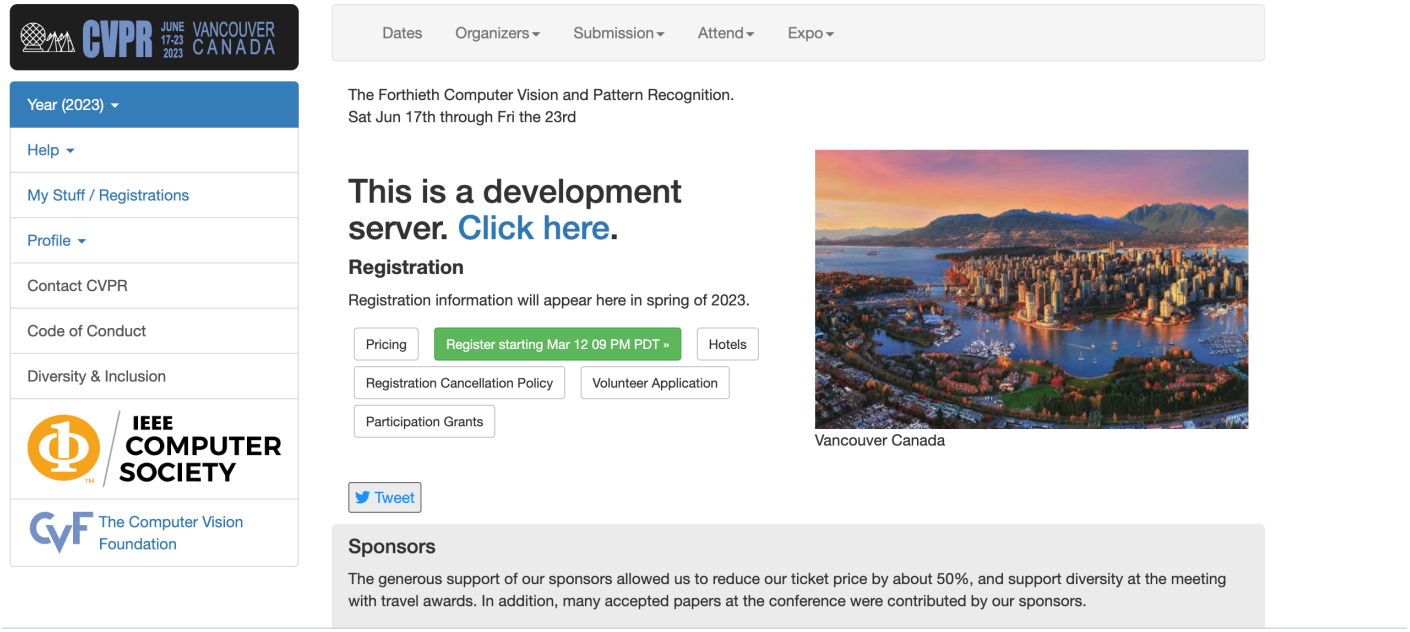


Website Operations

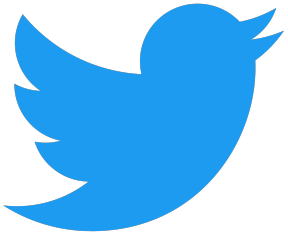
Aparna Bharati

CVPR Website Redesign

- Target debut at CVPR 2023
- Will combine virtual platform and conference website into one platform
- Formatted the same way as the ML community's sites
- Accessible to those with disabilities



Social Media Comms.



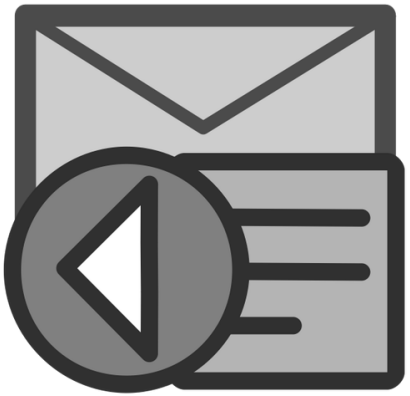
Computer Vision and Machine Learning Communities appear to have converged on Twitter as a platform

The TC maintains a Linkedin group:
https://www.linkedin.com/groups/4028795/

Also exploring what other TCs are doing in the social media space

TC Newsletter

- Monthly newsletter sent out by the TC
- Also posted to Linkedin and Twitter
- Subscribe: https://t.co/xfUZInZpSY



Send news items to walter.scheirer@nd.edu

Next Up:

- Addressing the explosive growth in paper submissions to the TC's premier conferences.
- Improve the hybrid conference experience.
- Update TC bylaws and conference charters.
- Check in with organizers of each TC meeting.

Motions

Motion 1

Motion: Withdrawn Submissions Will No Longer be Made Inaccessible to Reviewers.

Proposed by Simon Niklaus (Adobe Research) with community input, endorsed by the executive committee and TC chair

After reviews have been released, authors may opt to withdraw their submission which currently makes this submission inaccessible to the involved reviewers. In turn, this practice prevents reviewers from reading the assessment of the other reviewers. However, reviewers may want to hear what their peers had to say to improve their own reviewing skills. For example, reviewers may wonder whether their assessment is in line with the reviews of others or whether they missed any key points. To change this, this motion aims to end the practice of making withdrawn submissions inaccessible to reviewers such that they have the option to grow from the assessments of their peers.

Motion 1

But shouldn't a withdrawn submission be removed from circulating? Just because the current practice removes papers from the submission page does not mean that reviewers no longer have access to them. After all, reviewers can always save a copy of a submission on their own device before it has been withdrawn.

But shouldn't a withdrawn submission no longer be considered? This motion will not change that. After a submission has been withdrawn, it and its reviews will be made read-only in the submission page. Reviewers will not be asked and will not be able to further engage in the decision-making process.

Motion 2

Motion: Making Authors Responsible for Reviewing.

Proposed by Terry Boult (UCCS), endorsed by the executive committee and TC chair

Given the importance of high-quality reviewing to CVPR, the need for every paper to have at least 3 reviews, and the presence of authors who benefit professionally from the community but do not contribute any service to it, the following change to the review process is proposed:

All authors, except those who are area/general chairs, are automatically added to the reviewer pool. Area chairs may assign up to 3 papers to these author-reviewers, per author submission, but may also choose to not assign any papers. Only the program chairs can provide exceptions to authors for these reviewing duties, e.g., for medical or family reasons.

Motion 3

Motion: Penalties for Violations of the CVPR Reviewing Guidelines.

Proposed by Terry Boult (UCCS) and Walter Scheirer (Notre Dame), endorsed by the executive committee and TC chair

Any reviewer who has accepted an invitation to review but violates the reviewing guidelines set forth by the conference will be prohibited from submitting any papers to CVPR for up to two years. Only area chairs and program chairs will be allowed to flag such violations. The program chairs will make the final decision to apply a penalty to a reviewer based on the recommendation of an area chair and/or their own judgement. Reviewers with an active penalty will be placed on a list, maintained by the PAMI TC, which will be provided to the program chairs of each edition of CVPR.

Motion 3

How do we make sure reviewers don't inadvertently violate the guidelines? In order to set appropriate expectations, all reviewers will read and agree to the reviewing guidelines after accepting the invitation to review. Further, reviewers will be required to take and pass a short quiz that emphasizes the most salient aspects of the guidelines. Scores from these quizzes will be made available to the area chairs and program chairs during the reviewer assignment phase of the review cycle.

Motion 4

Motion: CVPR Statement Condemning Russian Invasion of Ukraine.

Proposed by Anna Rohrbach (Berkeley), endorsed by the executive committee and TC chair

CVPR condemns in the strongest possible terms the actions of the Russian Federation government in invading the sovereign state of Ukraine and engaging in war against the Ukrainian people. We express our solidarity and support for the people of Ukraine and for all those who have been adversely affected by this war.

The statement will be published on the CVPR homepage(s) while the war is ongoing.

Voting

Motion 1: Withdrawn Submissions Will No Longer be Made Inaccessible to Reviewers

Motion 2: Making Authors Responsible for Reviewing

Motion 3: Penalties for Violations of the CVPR Reviewing Guidelines

Motion 4: CVPR Statement Condemning Russian Invasion of Ukraine

Voting

- Voting will be as usual at

https://www.thecvf.com/voting/

- Use your registration confirmation number
- Voting closes at 6pm CDT on Thursday
- Results to be announced after the meeting on the TC's website and in July's TC newsletter

Enjoy the Rest of CVPR 2022!