Had 32 participants at the start of the discussion, 09:00 Central. Meeting started with a slide presentation with updates since the last SIAG Business meeting in 2017.

After the presentation, zoom polls were launched with discussions following each poll. SIAM staff and SIAG Officers did not vote in the numbers below.

**Q1- Software as part of ToT Prize (23 submitted):**
- 66% yes
- 27% no
- 9% no opinion

Points were made for and against; some discussion was held on having a separate award for software.

**Q2- OP23 location priority (23):**
- 61% easy to get to
- 22% pleasant location
- 18% No opinion

Locations such as Chicago, Dallas, Orlando and Hawaii were briefly discussed. Some points were made that for US conferences one does not need a local OC. A concern was raised that the locations are significantly restricted by virtue of SIAM doing the organization.

[After business meeting, SIAG/ACDA reached out about possible SIAG/OPT interest in co-locating with ACDA in spring/summer 2023 in US:
- ACDA23 cochairs are Lenore Cowen and Uwe Naumann
- PC cochairs David Shmoys and Jon Berry]

**Q3- Should we have job fair at OP23 and beyond (21):**
- 72% Yes
- 0 % No
- 29% No Opinion

A concern was raised that maybe the SIAG is too small to support a career fair. Location and cost (SIAM is now charging exhibitors to participate) was raised as factors that industry would consider in terms of whether they want to participate in a job fair.

**Q4- Should future OPs be hybrid (20):**
- 40% Yes
- 55% No
- 5% No Opinion
Richard Moore spoke about Career fairs in other SIAG meetings and SIAM wanting to think carefully about over saturating career fairs given significant overlap in employers participating in SIAM career fairs (CSE, Data Science, ... ). He also mentioned that SIAM is currently reviewing different modality options for all future SIAM conferences.
SIAG/OPT Officers

Chair:
Katya Scheinberg

Vice Chair:
Samuel Burer

Program Director:
Jeff Linderoth

Secretary:
Stefan Wild
SIAG/OPT Fellows

Class of 2018
- Helen Moore
- Pablo Parrilo
- Tamas Terlaky
- Kim-Chuan Toh
- Homer Walker

Class of 2019
- Mihai Anitescu
- Jesus Antonio De Loera
- Fariba Fahroo
- Juan Meza
- Yin Zhang

Class of 2020
- Richard Byrd
- David Gay
- Defeng Sun

Class of 2021
- James Burke
- Xiaojun Chen
- Andreas Waechter
SIAG/OPT Announcements

- SIAG/OPT electronic mailing list updates
- SIAM Engage
- SIAG/OPT websites:
  - https://www.siam.org/membership/activity-groups/detail/optimization
- SIAM Blogs
- SIAM News: Story Ideas
- SIAG/OPT Leadership Suggestion Form:
  - https://www.siam.org/forms/siam-activity-group-leadership-form
SIAG/OPT Conference History

<table>
<thead>
<tr>
<th>Year</th>
<th>Location</th>
<th>Attendance</th>
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</thead>
<tbody>
<tr>
<td>1996</td>
<td>Vancouver, Canada</td>
<td>465</td>
</tr>
<tr>
<td>1999</td>
<td>Atlanta, GA</td>
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<td>2002</td>
<td>Toronto, Canada</td>
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<tr>
<td>2005</td>
<td>Stockholm, Sweden</td>
<td>462</td>
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<td>2009</td>
<td>Boston, MA</td>
<td>569</td>
</tr>
<tr>
<td>2011</td>
<td>Darmstadt, Germany</td>
<td>620</td>
</tr>
<tr>
<td>2014</td>
<td>San Diego, CA</td>
<td>632</td>
</tr>
<tr>
<td>2017</td>
<td>Vancouver, Canada</td>
<td>696</td>
</tr>
<tr>
<td>2021</td>
<td>VIRTUAL</td>
<td>518</td>
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</table>

Pre-registration only
SIAG/OPT Conference 2021

Organizing Committee Co-Chairs

Defeng Sun, The Hong Kong Polytechnic University, Hong Kong
Tamás Terlaky, Lehigh University, U.S.

* 

Organizing Committee

Adil Bagirov, Federation University, Australia
Pietro Belotti, FICO, United Kingdom
Gabriele Eichfelder, Technische Universität Ilmenau, Germany
Genetha Gray, Salesforce, U.S.
Xiaodong Hu, Chinese Academy of Sciences, China
Jean Bernard Lasserre, LAAS/CNRS, France
Peter Richtarik, King Abdullah University of Science and Technology, Saudi Arabia
Fabio Schoen, University of Florence, Italy
Uday Shanbhag, Pennsylvania State University, U.S.
Henry Wolkowicz, University of Waterloo, Canada
Akiko Yoshise, University of Tsukuba, Japan
SIAG/OPT Conference Original 2020

Local Organizing Committee Co-Chairs
Xiaojun Chen, PolyU
Defeng Sun, PolyU

Local Organizing Committee
Chuanying Dang, City University of Hong Kong
Ting Kei Pong, PolyU
Anthony Man-cho So, The Chinese University of Hong Kong
Xiaoqi Yang, PolyU
Xiaoming Yuan, Hong Kong University
Man-Chung Yue, PolyU
Zaikun Zhang, PolyU
SIAG/OPT Views and News

Co-editors
Pietro Belotti
Somayeh Moazeni

Volume 28, No. 1, December 2020
Volume 27, No. 2, November 2019
Volume 27, No. 1, January 2019
Volume 26, No. 1, May 2018
Volume 25, No. 2, December 2017 'SIAM OP17'
SIAG/OPT Best Paper Prize Friday, July 23 11:45am-12:45pm ET

**Recipients:** Hamza Fawzi (University of Cambridge, United Kingdom), Pablo A. Parrilo (Massachusetts Institute of Technology, U.S.), and James Saunderson (Monash University, Australia)

**Citation:** The prize is awarded to Hamzai Fawzi, Pablo A. Parrilo, and James Saunderson for their paper, “Semidefinite Approximations of the Matrix Logarithm,” Foundations of Computational Mathematics (April 2019), and recognizes them for proposing an efficient semidefinite programming approximation of the matrix logarithm.

**Selection Committee:** Mihai Anitescu (Chair), Erling Andersen, Thomas Coleman, Monique Laurent, and Akiko Yoshise
SIAG/OPT Early Career Prize Friday, July 23 12:45-1:30pm ET

Recipient: John C. Duchi, Stanford University, U.S.

Citation: The prize is awarded to John C. Duchi for his deep and important contributions to convex, nonconvex, and stochastic optimization as well as to the statistical foundations of optimization methods for data science.

Selection Committee: Miguel Anjos (Chair), Marina Epelman, Jennifer Erway, Arvind Raghunathan, and Stefan Ulbrich
Gene Golub SIAM Summer School

Financial Analytics: Networks, Learning, and High Performance Computing

August 1–12, 2022

Gran Sasso Science Institute (GSSI), L’Aquila, Italy

Application Deadline: **February 7, 2022**

The school will offer an introduction to Quantitative Risk Management in Finance, Energy and Commodity Markets, Machine Learning and Financial Technology, and Mean field Games. Students will be exposed to the economic and managerial implications of these subjects, and to tools of applied probability, optimization, and computational techniques.

For more information visit: siam.org/students/g2s3
SIAG/OPT 2023

Location: In the US
Timing: Spring/Summer 2023
Program committee Co-Chairs
Jeff Linderoth (U Wisconsin)
Coralia Cartis (Oxford U)
New award proposal

Test of Time Award

awarded to an individual or a group of researchers for an outstanding work which had significant and sustained influence on the field of optimization over a time period of 10 to 20 years preceding the year of the award. The award is aimed at mid-career researchers, but no restrictions are imposed on the time since the awardee’s doctoral degree.
2021 SIAG/OPT Membership Report
(data as of December 31, 2020)
SIAG/OPT Membership Demographics

Nonstudent members
Student members
Total


0 200 400 600 800 1000 1200 1400 1600
SIAG/OPT Membership Demographics

Nonstudent
626
45.3%

Student
755
54.7%
### SIAG/OPT Membership by Geography

<table>
<thead>
<tr>
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<th>US</th>
<th>Non-US</th>
<th>Total</th>
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<tbody>
<tr>
<td>Nonstudent</td>
<td>343</td>
<td>283</td>
<td>626</td>
</tr>
<tr>
<td>Student</td>
<td>474</td>
<td>281</td>
<td>755</td>
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<tr>
<td>Total</td>
<td>817</td>
<td>564</td>
<td>1381</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th></th>
<th>US</th>
<th>Non-US</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nonstudent</td>
<td>24.8%</td>
<td>20.5%</td>
<td>45.3%</td>
</tr>
<tr>
<td>Student</td>
<td>34.3%</td>
<td>20.4%</td>
<td>54.7%</td>
</tr>
<tr>
<td>Total</td>
<td>59.1%</td>
<td>40.9%</td>
<td></td>
</tr>
</tbody>
</table>
SIAG/OPT Membership by Gender

Nonstudents
- Man: 520 (83.2%)
- Woman: 81 (13%)
- Not Indicated: 17 (2.7%)
- Prefer Not to Disclose: 7 (1.1%)
- Nonbinary/GNC: 1 (<1%)

Students
- Man: 511 (71.9%)
- Woman: 177 (24.9%)
- Not Indicated: 16 (2.3%)
- Nonbinary/GNC: 4 (<1%)
- Prefer Not to Disclose: 3 (<1%)

2021 SIAG/OPT BUSINESS MEETING
SIAG/OPT Membership by Employer Type

- **Academia**: 442, 79.9%
- **Industry**: 61, 11.0%
- **Laboratory**: 30, 5.4%
- **Government**: 15, 2.7%
- **Other**: 5, 0.9%
SIAG/OPT Membership by Department Type

- Mathematics: 136 (50.9%)
- Engineering: 77 (28.8%)
- Op Research: 22 (8.2%)
- CompSci: 15 (5.6%)
- Other: 8 (3%)
- Statistics: 6 (2.2%)
- Other (Phys Sci): 3 (1.1%)
Join SIAM Today!

Benefits of SIAM Membership Include……….

- **SIAM Review** (Print & Electronic)
- **SIAM News** (Print)
- 30% Off SIAM Books
- $15 / Activity Group Membership
- 20% - 30% Off Registrations
- 80% Off Journals (up to 4)
- 95% Off e-Access to Journals
- Spouse may join as Associate Member

- **SIAM Unwrapped**
- Vote in SIAM Elections
- Eligible to Hold Office
- Eligible for Committee Appointments
- Nominate SIAM Fellows
- Be Nominated as a SIAM Fellow
- Nominate 2 Students for Free Membership
- Eligible for Group Insurance
Other Business
Contacts

Chair  Katya Scheinberg
capkatyas@cornell.edu

Vice Chair  Samuel Burer
samuel-burer@uiowa.edu

Program Director  Jeff Linderoth
linderoth@wisc.edu

Secretary  Stefan Wild
wild@anl.gov