2019 SIAG/DMA
SIAM International Conference on Data Mining
Business Meeting

Friday, May 3, 2019
6:30 pm - 7:00 pm
Imperial 4, 6 & 8
Hyatt Regency Calgary
SIAG/DMA Officers

Chair: Ali Pinar

Vice Chair: Hans De Sterck

Program Director: Danai Koutra

Secretary: Jiliang Tang
SIAG/DMA Announcements

- SIAG/DMA electronic mailing list: siag-dma@siam.org
- SIAG/DMA website:
  - https://www.siam.org/membership/Activity-Groups/detail/Data-Mining-and-Analytics
- SIAM News: Story Ideas
- SIAM Blogs
SIAM Annual Meeting

2019

- No Annual Meeting in 2019
- Supporting 9th International Congress on Industrial and Applied Mathematics (ICIAM 2019)

2020

- Annual Meeting 2020 held jointly with The Annual Meeting of The Canadian Applied and Industrial Mathematics Society (CAIMS)/Société Canadienne de Mathématiques Appliquées et Industrielles (SCMAI)
- July 6th–July 10th, 2020
- Sheraton Centre Toronto Hotel
- Toronto, Ontario, Canada
- Call for participation September 2019
SIAM Conference on Mathematics of Data Science (MDS)

• **May 5-7, 2020:** Cincinnati, OH (co-located with SIAM Data Mining)
  • Tue-Thu MDS; Thu-Sat SDM

• **Co-chairs:** Gitta Kutyniok  
  Ali Pinar  
  Joel Tropp

• **4 Confirmed Plenaries**
• Publishes work that advances mathematical, statistical, and computational methods in the context of data and information sciences. We invite papers that present significant advances in this context, including applications to science, engineering, business, and medicine

• Editor-in-chief: Tamara G. Kolda (Sandia)

• Section Editors:
  • Alfred Hero (Michigan)
  • Michael I. Jordan (Berkeley)
  • Robert Nowak (Wisconsin)
  • Joel A. Tropp (Caltech)

• SIAM’s newest journal will begin to take author submissions on April 25, 2018

• http://www.siam.org/journals/simods.php
Topics of interest for the SIMODS journal

- Numerical algorithms
- Statistical inference
- Optimization and control
- Machine learning
- Theoretical computer science
- Signal processing and information theory
- Applied probability
- Functional analysis
- Network science
SIAG/DMA Conference History

Preregistration only
The Congress will take place at the ‘Campus de Blasco Ibáñez’ of the Universitat de València.

SIAM is a member of the International Council for Industrial and Applied Mathematics (ICIAM)

ICIAM 2019 is being organized by SeMA (Sociedad Española de Matemática Aplicada), member of ICIAM.
Gene Golub SIAM Summer School

2019 High Performance Data Analytics
June 17th-28th, 2019
Paul Langevin CNRS Conference Center in Aussois, France

2020 Anticipated date between May - August 2020
For questions or informal inquiries, please contact the G2S3 committee chair, Thomas Witelski, witelski@math.duke.edu

2021 Anticipated deadline for submission of Letter of Intent January 31st, 2020
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
2019 SIAG/DMA
Membership Report
(data as of December 31, 2018)
SIAG/DMA Membership Demographics

- Nonstudent members
- Student members
- Total

Year | Nonstudent | Student | Total
--- | --- | --- | ---
2011 | 51 | 9 | 60
2012 | 158 | 103 | 261
2013 | 206 | 155 | 361
2014 | 247 | 211 | 458
2015 | 232 | 274 | 507
2016 | 664 | 885 | 1179
2017 | 896
2018 | 1194
SIAG/DMA Membership Demographics

Nonstudent
- 298
- 25.0%

Student
- 896
- 75.0%
### SIAG/DMA Membership by Geography

<table>
<thead>
<tr>
<th>Geography</th>
<th>Nonstudent</th>
<th>Student</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td>225 (19%)</td>
<td>680 (57%)</td>
<td>905 (76%)</td>
</tr>
<tr>
<td>Foreign</td>
<td>73 (6%)</td>
<td>216 (18%)</td>
<td>289 (24%)</td>
</tr>
<tr>
<td>Total</td>
<td>298 (25%)</td>
<td>896 (75%)</td>
<td>1194</td>
</tr>
</tbody>
</table>
SIAG/DMA Membership by Gender

Nonstudents
- Female: 34 (11%)
- Prefer Not to Identify: 2 (1%)
- Not Indicated: 24 (8%)
- Male: 238 (80%)

Students
- Female: 178 (19.9%)
- Non-binary: 2 (<1%)
- Not Indicated: 123 (13.7%)
- Male: 593 (66.2%)
SIAG/DMA Membership by Employer Type

- Academia: 123 (54.4%)
- Industry: 68 (30.1%)
- Laboratory: 23 (10.2%)
- Government: 9 (4.0%)
- Other: 3 (1.3%)
SIAG/DMA Membership by Department Type

- Mathematics: 30 (41.1%)
- CompSci: 18 (24.7%)
- Engineering: 11 (15.1%)
- OpResearch: 4 (5.5%)
- Statistics: 4 (5.5%)
- Other: 3 (4.1%)
- Physics: 2 (2.7%)
- Other (Physical Sciences): 1 (1.4%)
Other Business
Contacts

Chair       Ali Pinar
            apinar@sandia.gov

Vice Chair  Hans De Sterck
            hdesterck@uwaterloo.ca

Program Director  Danai Koutra
                  dkoutra@umich.edu

Secretary    Jiliang Tang
            tangjili@msu.edu

#SIAMSDM19