



*Institute for Operations Research  
and the Management Sciences*

# **OPTIMIZATION SOCIETY**

**Business Meeting**

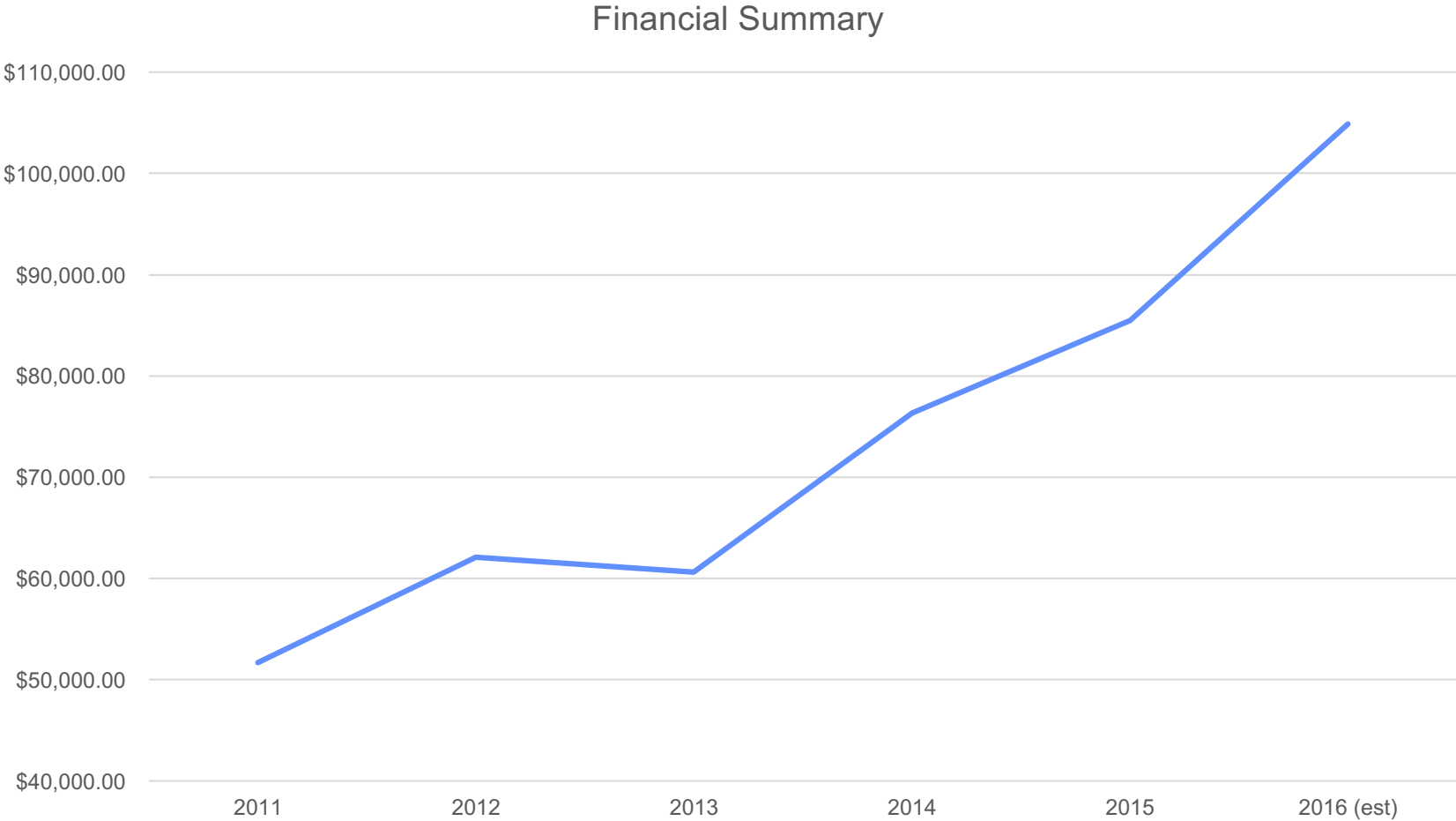
# AGENDA

- **2016 Conference Update**
- **Financial**
- **Membership Status**
- **Membership Fee Structure**
- **Elections**
- **Prizes**
  - **Prize Structure Change**
    - » **Jon Lee**
- **Journal Update**

# 2016 Conference Update

- **91 Sessions**
- **364 Talks**
  
- **Computational Optimization and Software: 9 sessions, Hande Benson**
- **Global Optimization: 7 sessions, Aida Khajavirad**
- **Integer and Discrete Optimization: 22 sessions, Amitabh Basu**
- **Linear and Conic Optimization: 2 sessions, Saudeh Siddiqui**
- **Network Optimization: 14 sessions, Austin Buchanan**
- **Nonlinear Programming: 6 sessions, Daniel Robinson**
- **Optimization Under Uncertainty: 29 sessions, Warren Powell**
  
- **MSOM: 148 sessions**
- **TSL: 49 sessions**
- **ICS: 16 sessions**

# Financial: Year-end balances



# Financial: Details

	2011	2012	2013	2014	2015	2016 (est)
<b>Opening balance</b>	<b>\$50,164.60</b>	<b>\$51,684.86</b>	<b>\$62,102.42</b>	<b>\$60,586.12</b>	<b>\$76,335.91</b>	<b>\$85,508.39</b>
Revenue	\$9,010.00	\$19,717.00	\$10,240.00	\$56,075.00	\$22,204.00	\$81,905
<i>Dues</i>	<i>\$9,010.00</i>	<i>\$10,730.00</i>	<i>\$10,240.00</i>	<i>\$14,000.00</i>	<i>\$21,670</i>	<i>\$15,080.00</i>
<i>Interest</i>					<i>\$534.00</i>	
<i>Meetings and Symposia Receipts</i>		<i>\$8,987.00</i>		<i>\$42,075.00</i>		<i>\$66,825.00</i>
Expenses	\$7,489.74	\$9,299.44	\$11,756.30	\$40,325.21	\$13,031.52	\$66,142.45
<i>Business meeting</i>	<i>\$1,790.96</i>	<i>\$2,689.22</i>	<i>\$3,938.63</i>	<i>\$4,372.14</i>	<i>\$5,219.09</i>	<i>\$7000</i>
<i>Credit card fees</i>	<i>\$136.70</i>	<i>\$176.44</i>	<i>\$193.82</i>	<i>\$287.96</i>	<i>\$41.25</i>	<i>\$48.45</i>
<i>Meetings and Symposia Expenses</i>	<i>\$465.33</i>	<i>\$1,800.00</i>	<i>\$1,921.35</i>	<i>\$30,231.28</i>		<i>\$52,594</i>
<b>Awards</b>	<b>\$5,066.75</b>	<b>\$4,604.87</b>	<b>\$5,400.00</b>	<b>\$5,416.29</b>	<b>\$5,416.29</b>	<b>\$6000</b>
<i>Support/Postage</i>	<i>\$30.00</i>	<i>\$28.91</i>	<i>\$302.50</i>	<i>\$17.54</i>	<i>\$287.96</i>	<i>\$500</i>
<b>Net revenue</b>	<b>\$1,520.26</b>	<b>\$10,417.56</b>	<b>\$(1,516.30)</b>	<b>\$15,749.79</b>	<b>\$9,172.48</b>	<b>\$19,365.94</b>
Closing balance	\$51,684.86	\$62,102.42	\$60,586.12	\$76,335.91	\$85,508.39	\$104,874.33

# Financial: Comments

- **2012**
  - 2012 IOS Conference in Miami, ~\$7100 profit
- **2013**
  - Slight decrease in balance (mostly due to prepayment of 2014 meeting expenses)
- **2014**
  - 2014 IOS Conference in Houston, ~\$12000 profit (!)
- **2015**
  - Steady
- **2016**
  - 2016 IOS Conference in Princeton, ~\$14,000 profit (!)

# Membership Trends



# Membership snapshot, 11/2016

- **Total members: 1557**
  - Regular Members: 770 (?)
  - Student Members: 509 (?)
  - Retirees: 34 (?)
  - Non-Informs members: 14 (?)



# Membership Fee Changes

- **Currently:**
  - \$10 per member/student member/retired member.
- **Proposed:**
  - Increased fee for regular members (↑\$20)
  - Reduced fee for students (↓\$5)
  - Keeping it the same for retired members. (\$10)

# PRIZES

- **Four prizes awarded every year**
  - Student Paper Prize
  - Prize for Young Researchers
  - The Farkas Prize for Mid-career Researchers
  - The Khachiyan Prize for Life-time Accomplishments in Optimization
- **Price Session just took place!!**

# 2016 STUDENT PAPER PRIZE

- **2016 committee**

- Jim Luedtke (chair)
- Guzin Bayraksan, Shiqian Ma, and Mohit Tawarmalani

**WINNER: Gonzalo Muñoz (Columbia University)**  
for his paper "LP Formulations for Mixed-Integer Polynomial Optimization Problems"  
(with Daniel Bienstock)

# 2016 PRIZE FOR YOUNG RESEARCHERS

- **2016 committee**
  - Sam Burer (chair),
  - Jon Lee, Andrew Schaeffer, Cole Smith

**WINNER: Venkat Chandrasekaran and Parikshit Shah** for their paper, "Relative Entropy Relaxations for Signomial Optimization," SIAM J. Optimization 26 (2016), pp. 1147-1173.

# 2016 FARKAS PRIZE FOR MID-CAREER RESEARCHERS

- **2016 committee**
  - Ariela Sofer (chair)
  - Ignacio Gorssman, Ted Ralphs, Alex Shapiro

**WINNER: Sven Leyffer, Argonne National Laboratory, for his fundamental contributions to the design and analysis of computational algorithms for large-scale nonlinear optimization and mixed-integer nonlinear optimization problems.**

# 2016 KHACHIYAN PRIZE for Lifetime Accomplishments in Optimization

- **2016 committee**

- Tamas Terlaky (**chair**)
- Philip Gill, Dorit Hochbaum and Werner Roemisch

**WINNER: Aharon Ben-Tal** – *Israel Institute of Technology, Haifa, Israel.*

**for continuous optimization with an outstanding record of academic achievement.**

# Young Researcher Prize Change Proposal

- **Current eligibility:** All authors must have been awarded their terminal degree within the eight calendar years preceding the year of award.
- This precludes the consideration of a paper written by a young researcher with his or her students (unless those students had already graduated).
- **Proposal:**
- change the prize from a "paper prize" to a "body-of-work prize", which considers a young researcher's complete research contributions thus far in their career.

# OS COUNCIL NEW OFFICERS

- Chair: David Morton (Chair term 2016-18)
- Chair-Elect: Daniel Bienstock (Chair term 2018-20)
- Vice Chair, Nonlinear Optimization: Necdet Serhat Aybat, 2016-18
- Vice Chair, Global Optimization: Siqian Shen, 2016-18
- Vice Chair, Optimization Under Uncertainty: Guzin Bayraksan, 2016-18



# OS COUNCIL OUTGOING OFFICERS

- Chair: Suvrajeet Sen, 2014-2016
- Vice Chair, Nonlinear Optimization: Daniel Robinson, 2016-18
- Vice Chair, Global Optimization: Aida Khajavirad, 2016-18
- Vice Chair, Optimization Under Uncertainty: Warren Powell, 2014-16

# OS COUNCIL CONTINUING OFFICERS

- Secretary/Treasurer: Burcu B. Keskin, 2015-17
- Vice Chair, Computational Optimization and Software: Hande Benson, 2015-17
- Vice Chair, Integer and Discrete Optimization: Amitabh Basu, 2015-17
- Vice Chair, Linear and Conic Optimization: Sauleh Siddiqui, 2015-17
- Vice Chair, Network Optimization: Austin Buchanan 2015-17

# Bylaws Proposal Change

- Please note that while all of the newly elected vice chairs will resume positions immediately in January 2017, the chair-elect will resume his role in January 2018, followed by a two-year term as a chair, starting in January 2019.
- To clarify the timing of election for the chair-elect position, we propose to add the following to the bylaws:  
*“The Chair-elect election should be conducted on odd years and the Chair-elect serves a one-year term on the even years before assuming a two-year position as Chair.”*

# Journal Update

# OTHER BUSINESS

