

THE AMERICAN REGIONS MATHEMATICS LEAGUE



Forty Third Annual Meeting

Pennsylvania State University

University of Nevada, Las Vegas

University of Iowa

University of Georgia

June 1st and 2nd, 2018

Sponsor:

DE Shaw & Co

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ARML would like to thank all of the volunteers, proctors, scorers, and power question graders for your time and effort. ARML could not happen without you. Special thanks to John Farris and the staff from Penn State for their help in running this event.

ARML would like to thank its supporters:

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About our sponsor, the D. E. Shaw group

The D. E. Shaw group is a global investment and technology development firm with an international reputation for financial innovation and technological leadership. Headquartered in New York, the D. E. Shaw group encompasses a number of closely related entities with more than 1,000 employees and approximately \$32 billion in investment and committed capital. Our activities range from deployment of investment strategies based on mathematical models or human expertise to the acquisition of existing companies and the financing or development of new ones.

The firm employs a disproportionate number of the world's leading computer scientists and mathematicians, many of whom joined the firm directly from leading college and university math and science programs, and a number of whom are former ARML competitors. Given the challenges of its work, the firm has a particular interest in promoting excellence in mathematics. For this reason, the D. E. Shaw group is especially proud of its years-long association with ARML and of its current sponsorship of the national competition.

ARML would like to express special thanks to the D. E. Shaw group for their generous donation and sponsorship of our competition.

Friday June 1st, 2018

- On Arrival Registration ~ Findlay-Johnson Commons or Waring Commons
IMPORTANT! See email to all coaches sent on May 26, 2018 for housing assignment.
- 8:00 – 9:15 PM “Aperiodic Sequence-Like Tilings”
Sarah-Marie Belcastro Location: Thomas 100
- 8:00 – 9:30PM Coaches’ Meeting –
Forest Resources Building Room 112
- 8:15 – 9:15PM Proctors’ Meeting
Forest Resources Building Room 107
**Each team is required to send one coach to the Coaches’ Meeting. and all of their first time proctors to the Proctors’ Meeting. At least one Coach/Adult should be at each meeting.*
- 9:30 PM ARML Team Song Contest and Student Reception (Karaoke)
Waring Commons/West Halls. Refreshments will be served.
- 11:00 PM Students must be in Residence Halls
- Midnight Curfew – All participants in assigned rooms

Saturday, June 2nd, 2017

- 6:00 – 7:30 AM Breakfast – Bryce Jordan Center – Gate A
- 8:00 – 8:20 AM Team Round – Assigned Rooms
- 8:25 – 9:25 AM Power Question – Assigned Rooms
- 10:00 – 11:30 AM Individual Questions – Bryce Jordan Center
- 12:00 – 1:30 PM Lunch – Bryce Jordan Center
- 1:45 – 2:20 PM Relay Questions – Bryce Jordan Center
- 2:20 – 2:40 PM Individual Tie Breaker – Bryce Jordan Center
- 3:00 – 4:30 PM Awards Assembly – Bryce Jordan Center

Awards Program

1. Individual High Scorers of the Meet
2. Song Contest Winner Performance (If time permits)
3. Harry and Ruth Ruderman Award for the ARML Power Contest
4. Awards for ARML Local Contest
5. The Alfred Kalfus Founder’s Award
6. The Samuel Greitzer Distinguished Coach Award
7. The Douglas Baker Memorial Award
8. Division B: 7th through 1st place (D. E. Shaw group plaque)
9. Division A: 9th through 1st place (D. E. Shaw group plaque)