Spring 2022 Section Meeting of the Indiana MAA Indiana Wesleyan University

April 9, 2022

Meeting Schedule - All Times in Eastern Daylight Time

|  | Barnes Student Center, Globe Theatre |  |  |
| :---: | :---: | :---: | :---: |
| 8:30-9:15 am | Attendee and ICMC Registration/Check-In (just outside the Globe Theatre) |  |  |
| 9:15-9:25 am | Welcome: Dr. Rod Reed, Chancellor of Indiana Wesleyan University, Marion Campus |  |  |
| 9:25 am | ICMC Dismissal to Various Campus Locations |  |  |
|  | Barnes Student Center, Globe Theatre |  | Various Classrooms |
| 9:30-10:30 am | Plenary: The Geometric Series in Greek Mathematics Dr. Rodrigo Pérez, IUPUI |  | ICMC (9:45 am -11:45 am) |
| 10:35-10:55 am | A mathematician's experience on the Indiana Citizens Redistricting Commission <br> Ranjan Rohatgi, Saint Mary's College |  |  |
| 11:00-11:20 am | Concise cyclotomic sums Ryan Johnson, Grace College |  |  |
| 11:25-11:45 am | A journey through data science research at undergraduate-teaching institutions <br> Alessandro M. Selvitella, PFW |  |  |
|  | Barnes Student Center, Henry West Banquet Hall |  | Barnes Student Center, Jones AB |
| 11:50 am-12:50 pm | Binary octahedral group as consciousness template Dennis Collins, University of Puerto Rico, Mayagüez Poster in Barnes Student Center, Leedy |  | Executive Board Meeting |
|  | Barnes Student Center, large room past the coffee shop |  |  |
| 12:50 pm | Conference Photo |  |  |
|  | Barnes Student Center, Globe Theatre |  |  |
| 1:00-2:00 pm | Plenary: Power in Numbers: The Rebel Women of Mathematics Dr. Talithia Williams, Harvey Mudd College |  |  |
|  | Barnes Student Center, Globe Theatre | Barnes Student Center, Leedy |  |
| 2:05-2:25 pm | Indiana NExT Panel Mentoring Undergraduate Students | Large, but finite Drake Olejniczak, PFW |  |
| 2:30-2:50 pm | Panelists: <br> Zsuzsanna Szaniszló, Valparaiso <br> Dan Callon, Franklin College <br> Lee Trent $\nabla$, Rose-Hulman <br> Moderator: <br> Justin Lambright, Anderson | Triples of integers from the Law of Cosines Rodney Lynch, IUPUC |  |
| 2:55-3:15 pm |  | Nonlinear Lotka-Volterra competition models Mara Smith $\nabla$, Indiana Wesleyan |  |
| 3:20-3:40 pm | MathPath and its Indiana connections Matt DeLong, Marian, and Lara Pudwell, Valparaiso | Structure of number theoretic graphs Lee Trent $\nabla$, Rose-Hulman |  |
| 3:45-4:15 pm | Business Meeting and Presentation of Awards | ICMC Solution Session |  |
| 4:15 pm | Adjournment |  |  |

