Casualty Actuaries of Greater New York
Spring 2023 - Virtual Meeting
Agenda

9:00 AM	9:05 AM	**Welcome Remarks**

9:05 AM 9:55 AM **Session 1 - Advanced Pricing**
Vera Sakalova FCAS, DeLoitte Consulting
Jay Kumar Sarkar
Insurance pricing has evolved dramatically over the last decade and companies continue to look for ways to gain competitive advantage through enhancing their risk segmentation and pricing sophistication. In this session we will discuss different machine learning solutions are being in the limelight, their benefits, limitations, and constraints of pricing models and explore going beyond traditional GLMs to develop underwriting and pricing algorithms.

9:55 AM 10:45 AM **Session 2 - Nonproportional Reinsurance Pricing Using a Menu of Contracts**
Frank Schmid, Chief Technology Officer at General Reinsurance Corporation

The speaker will use a stylized model of aggregate excess-of-loss reinsurance to demonstrate how a reinsurer can insulate itself from adverse selection by offering a menu of contracts. Even though the reinsurer is unable to distinguish between cedents with low-mean and high-mean loss distributions, offering a menu of contracts will result in self-selection by cedent type and will allow the reinsurer to break even. The model will cover cases of prospective and retroactive reinsurance.

10:45 AM 10:55 AM **Break**

10:55 AM 11:55 AM **Session 3 - Climate Change and the P&C Actuary**
Alp Can, FCAS, MAAA, CSPA
Dr. Ira L. Robbin, ACAS

This session will feature speakers with different views on climate change. They will present their perspectives and provide an overview of activity in the actuarial profession concerning climate change. The discussion will cover future developments on how climate change and associated government regulation and renewable energy transitioning might impact property and casualty actuarial work.

11:55 AM 1:00 PM **Lunch**

1:00 PM 1:50 PM **Session 4 - An Early View Into What GPT Does and Doesn't Do for Actuaries**
David Wright, Market Solutions Leader at Acrisure LLC and Host of Not Unreasonable Podcast
Insights from applying Generative Pre-trained Transformers (GPTs) to CAS Exam 9 and an examination of implications for this technology to the work of actuaries.

1:50 PM 2:40 PM **Session 5 - Professionalism**
Hongmei Li ACAS, MAAA, Senior Consulting Actuary at Pinnacle Actuarial Resources
Josh Taub FCAS, Instructor at The Infinite Actuary
A discussion covering ASOP 41: Actuarial Communications using various case studies based on situations that actuaries could encounter while performing actuarial work.

2:40 PM 2:50 PM **Break**

2:50 PM 3:40 PM **Session 6 - CAGNY Business Session and Live Poll & Update from the CAS**
Somil Jain, Treasurer of CAGNY
Steve Belden, CAS Representative

The CAGNY Board will present CAGNY's financial report, announce the scholarship winners, and will hold elections for officers for the coming year and thank our exiting Board member for his 6 years of service. A live poll will be conducted to help inform planning for future in-person meetings. A representative of the CAS will also provide an update on status and activities.

3:40 PM 4:30 PM **Session 7 - Welcome to the Machine: Generative AI, Dark Patterns, and the Metaverse**
Christopher Sirota CPCU, Product Manager, Emerging Issues at Verisk Analytics
What do Generative AI and the metaverse have in common? They're potentially disruptive developments that could have a significant impact on p/c insurers. In this session, you'll learn more about the concerns surrounding Generative AI and the potential exposures generated by the metaverse. We'll also explore dark patterns, the deceptive design practices that have led to hundreds of millions of dollars in fines.

4:30 PM 4:35 PM **Closing Remarks**