

世界的なガラス研究の権威
来日講演 !!

Career and research talk: Global glass research authority with industrial and academic career

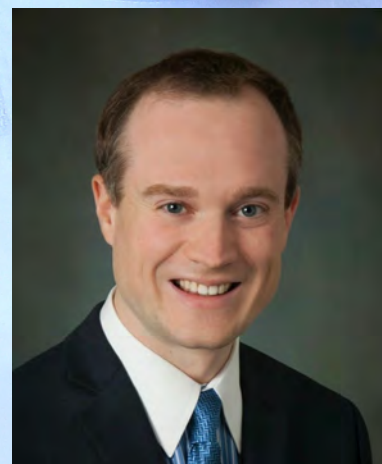
2019.10.18 (Fri) 14:00-16:20

Frontier Chemistry Center : Lecturer Hall

Dr. John C. Mauro

Professor of Materials Science and Engineering
The Pennsylvania State University

ペンシルバニア州立大学の材料科学工学部の教授。
ガラス工学科学の学士号、コンピュータサイエンスの学士号、ガラス科学の博士号を取得。
1999年にコーニング社に入社、Corning Gorilla® Glass 製品など、新しいガラスを開発。
2017年にペンシルバニア州立大学の教員に。
ダイバーシティを強く支持している者として知られています。
また数多くの出版物の編集者・著者でもあります。



14:00-15:00 “My Life as an Industrial Glass Researcher”

In this presentation, I will provide perspectives on industrial vs. academic research and offer advice to students and other young scientists on how to achieve a successful career, while also maintaining a good work-life balance. The advice will include the “Top Ten Things I Wish I Knew” at the beginning of my career. The presentation will be interactive, and questions and discussion with the audience are highly encouraged.

15:20-16:20 “Relaxation is Everywhere”

As a nonequilibrium material, a glass is continually relaxing towards its metastable supercooled liquid state. A comprehensive understanding of glass relaxation is of critical importance for many high-tech applications of glass, including optical fiber, glass substrates for liquid crystal displays, and chemically strengthened cover glass for electronic devices. In this presentation, I will review the current state-of-the-art in understanding the dynamics of glass relaxation, including the physical origins of its non-Arrhenius and non-exponential characters.