



The NSF-CREST Center for Cellular and Biomolecular Machines (CCBM) was established with a \$5 million Centers of Research Excellence in Science and Technology (CREST) grant in 2016 from the National Science Foundation (NSF). The CCBM brings together more than 30 faculty members from multiple units across campus, including bioengineering, physics, chemistry and chemical biology, biomaterials science and engineering, cell and molecular biology, and applied mathematics. The center received an additional \$5 million in 2021 for another 5 years of funding. Researchers are studying how biological matter like proteins or cells come together to perform specific tasks, in hopes of eventually being able to engineer and develop innovations ranging from designer cells and tissue to novel diagnostic and therapeutic devices. The CCBM also hosts an integrated, interdisciplinary training program for graduate students that emphasizes physical and biological components, research and training experiences for undergraduate and high school students to enhance the recruitment of underrepresented groups into STEM research, and outreach experiences for the local community and beyond.

Hosted by the NSF-CREST
Center for Cellular and Biomolecular Machines
at the University of California, Merced

“Science Comics’ Super Powers”

Dr. Matteo Farinella

Scientific Multimedia Producer
Columbia University

Virtual Presentation

Tuesday, Oct. 11, 2022

4-5 pm Pacific

Via Zoom & in BSP 250

Snacks provided

Zoom

Meeting ID: 847 3069 2873 Passcode: 630315

[REGISTER](#)

[More info](#) – ccbm.ucmerced.edu



Abstract:

Comics and graphic novels are becoming increasingly popular tools in science communication. Combining the well-known benefits of visualization with visual metaphors and character-driven narratives, comics have the potential to make scientific subjects more fun and accessible to a wider audience. Comparing examples from different cartoonists we will review the history of this exciting new medium. We will highlight different strategies that comics can use to explain complex scientific subjects, as well as potential pitfalls to avoid when scientists and artists collaborate.

Bio:

Matteo Farinella received a PhD in neuroscience from University College London in 2013. Since then he has been combining his scientific expertise with a life-long passion for drawing, producing educational comics, illustrations and animations. He is the author of *Neurocomic* (Nobrow 2013) and other popular science comics, for both adults and children. From 2016 to 2019 he was a Presidential Scholar in Society and Neuroscience at Columbia University, where he studied the role of visual narratives in science communication. Since 2019 he has been working as scientific multimedia producer for Columbia's Zuckerman Institute.

For more information, contact Carrie Kouadio, CCBM Executive Director, ckouadio@ucmerced.edu

ccbm.ucmerced.edu

An NSF Center of Research Excellence in Science and Technology (CREST)

UC Merced • 5200 North Lake Road • Merced, CA 95343

