


発表者プロフィール / Presenter Profile

 <p>写真/Photo</p>	名前	ジャー トニーズイ
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	所属大学/所属機関	Earth-Life Science Institute, Tokyo Institute of Technology & Blue Marble Space Institute of Science
	University/Affiliation	

出身国・地域/Country・Region	USA
発表テーマ/ Presentation Topic	Origins of Life, Astrobiology, Prebiotic Chemistry

プロフィール Profile

自己紹介/Self-introduction

Tony Z. Jia was born in China and moved to the USA when he was very young, where he grew up in the Chicagoland area. He received his B.S. from California Institute of Technology in 2010 in Chemistry and Business, Economics, and Management. where his research focused on chloroplast protein expression and crystallography as well as pulmonary surfactant lipid mass spectrometry. This was followed by an A.M. and Ph.D. from Harvard University in 2016 with research focusing on RNA sequencing technologies as well as non-enzymatic RNA replication and coacervate biochemistry. Tony started as a resaerch scientist at the Earth-Life Science Institute at Tokyo Institute of Technology in 2017, and is now a Specially-Appointed Assistant Professor at ELSI as well as an affiliated researcher at Blue Marble Space Institute of Science. He is also the conference chair of the 2021 NASA AbGradCon conference, to be hosted by ELSI in September, 2021.

研究分野について/About study field

Tony's research focuses on understanding fundamental questions related to the origin and evolution of life on Earth and other planets. The fields of origins of life and astrobiology are inherently international and interdisciplinary and draw from a variety of fields ranging from planetary science, to geology, to chemistry, and all the way to biology.

視聴者へのメッセージ Message to viewers

I hope to inspire some viewers to further pursue research in astrobiology and origins of life, especially those in peripheral fields (chemistry, biology, geology, materials science, nanoscience, and others) who have interest, but may not have had the formal education or opportunity to in the past. There are now a number of potential meetings (both digital and online) that you can join if you have further interest to epxlore these topics, and I highly encourage you to get in touch if you are interested to learn more about astrobiology and origins of life opportunities! My institute, ELSI (Earth-Life Science Institute) at Tokyo Institute of Technology, just created a brand new graduate program in Earth-Life sciences, and we are recruiting integrated Masters/PhD students (both Japanese and International) who are interested in starting a degree program in April, 2022!