

Title: **Can Everyone Produce His/Her Own Visualization?**

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Abstract:

Visualization plays a key role to help human analyzing and understanding complex datasets. However, designing and implementing a comprehensive and powerful visualization is not a trivial task. The situation is especially In this talk, we will discuss a few approaches to reduce the high bar of visualization realization, including harnessing the power of machine learning to improve the production of high-quality visualizations.

Biography:

Xiaoru Yuan is a tenured faculty member in the School of Electronics Engineering and Computer Science. He currently serves as the deputy vice director of National Engineering Laboratory on Big Data Analysis and Applications at Peking University. He received the Ph.D. degree in computer science in 2006, from the University of Minnesota at Twin Cities Cities. His primary research interests are in the field of visualization and visual analytics. His co-authored work on high dynamic range volume visualization received Best Application Paper Award at the IEEE Visualization 2005 conference. He and his student team won awards over multiple times in IEEE VAST Challenges. He served on the program committees of IEEE VIS, EuroVis, and IEEE PacificVis. He was organization co-chair of IEEE PacificVis 2009, and poster chair of IEEE VIS 2015/2016 and paper chair of IEEE VIS 2017 and PacificVis 2015. He initiated and co-founded ChinaVis conference in 2014.