ビジュアルコンピューティングセミナー2023-04

下記の要領で，今年度第 4 回のセミナーを開催しますのでご参集ください．

日　時：2023 年 9 月 15 日（金） 13:30-15:00
場　所：慶應義塾大学日吉キャンパス　来往舎 小会議室
講　師：Prof. Siming Chen
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Fudan University, Shanghai, China
題　目：Human-AI Collaboration through Visual Interface:
Verification, Explanation and Storytelling

要　旨：In data analysis tasks, collaboration between AI and humans has become increasingly important for problems that cannot be directly solved by AI alone. Visualization bridges the gap between data and human for in-depth analysis. In this talk, we discuss the collaboration between humans and AI through visual interface from three aspects: the validation of AI models, opening the "black box" of artificial intelligence to provide “explainability,” and generate data story and conduct storytelling. We demonstrate interactive scenarios from social media visual analytics, autonomous driving visual evaluation, OpenQA, and digital humanity. Through the above cases, we discuss various key points of human-machine collaboration and summarize the effectiveness that intelligent human-machine interaction needs to achieve.

略　歴：Siming Chen is an Associate Professor, Ph.D Supervisor at School of Data Science, Fudan University. He leads the Fudan Visualization Lab (FDUVIS). Prior to this, he was a Research Scientist at Fraunhofer Institute IAIS and a Postdoc Researcher at the University of Bonn in Germany. He received his Ph.D. in computer science at the School of EECS, Peking University. His research interests are visualization and visual analytics, with the emphasis on human-AI collaboration, social media visual analytics and spatial-temporal visual analytics. He has published 100 papers, and more than 30 of which are in top conferences and journals, including IEEE VIS, IEEE TVCG, ACM CHI and ACM CSCW, etc. He served as multiple organizing chairs, associate editors and program committees of several international journals and conferences. He was awarded 10+ best paper/poster awards and honorable mentioned awards in multiple conferences, including EuroVA, ChinaVis, AGILE, IEEE VIS Poster and won multiple IEEE VAST Challenge Excellent Awards. For more information, please visit http://simingchen.me.

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