2024 年 11 月 22 日

関係各位

講演会　開催のお知らせ

南山大学理工学部長　大石　泰章
南山大学理工学研究科長　三浦　英俊
南山大学理工学研究センター長　鈴木　敦夫

下記のとおり、南山大学理工学部・南山大学大学院理工学研究科・南山大学理工学研究センターは下記の通り講演会を開催します。多くの方，特に大学院生・学部学生の参加をお待ちしております。

記

日　時 ： 2024 年 12 月 12 日(木)　17:30 ～ 19:00
場　所 ： 南山大学　S 棟 5 階 S58 教室
講演者 ： Dr. Kayse Maass (Northeastern University, Assistant Professor)
題　目 ： Co-designing Solutions to Societal Issues with Lived Experts for Better, Smarter Operations Research Models: A Focus on Anti-Human Trafficking Efforts
概　要 ： Operations Research has the potential to help address many of the pressing societal issues facing our world today that increase the vulnerability of people to experience harm. But, how do we know what the needs of people in vulnerable positions actually are and that our models don't accidently cause unintended harms? Taking a Community-Based Operations Research approach helps address these problems. This seminar will describe the ways we have used a Community-Based Operations Research approach to partner with people with lived experience (e.g., homeless youth, human trafficking survivors) to better understand the complexities and nuances of societal issues that Operations Research can help address. It will show how our conceptualization of human trafficking became better (more accurate, attuned to context, and actionable) and how our Operations Research models and analysis became more complex because of our partnerships with lived experience experts. Operations Research methods including Network Interdiction Models, Markov Chains, Integer Programming, and more will be discussed. The audience will leave with an understanding of why this approach is necessary for ethical research, how it motivates theoretical advancements in Operations Research, and actionable tips for how to create and sustain these partnerships.

連絡先 ： 南山大学理工学部データサイエンス学科　鈴木　敦夫 (atsuo@nanzan-u.ac.jp)
講演会はハイブリッド形式で開催されます。リモートでの参加を希望される方は、鈴木宛メイルでご連絡ください。講演会の Zoom のアクセス情報を講演会の直前にお送りします。