

Tuesday, 7 March, Room 0029, Moorweidenstr. 18, 20146 Hamburg

10.00 – 11.00: Research seminar open to faculty and students

Computationally-Intensive Theory Construction: Inductive Patterns as Research Contributions

Data traces are ubiquitous and lend themselves to computational approaches for analysis. But analyzing data is just that - analysis. How can researchers make research contributions from computational analysis? The answer involves contributing to theory. In this talk, I will present an approach to computationally-intensive theory construction. This approach requires mindful attention to appropriate lexica and an emphasis on identifying patterns from computational approaches. I will then illustrate an application of the approach using data from an online exploratory experiment and pattern identification with a double/debiased machine learning (DML) approach.

11:00-13:00 Individual meetings with Nick
(please schedule via isdi-teamassistenz.bwl@uni-hamburg.de)

13:00-14:00 Lunch

14:00-16:30 PhD Student Workshop: How to Write an Effective Introduction

19:00 Dinner

Presenter Bio

[Nicholas Berente](#) is Professor of IT, Analytics, and Operations at the University of Notre Dame's Mendoza College of Business. He received his Ph.D. from Case Western Reserve University, conducted his postdoctoral studies at the University of Michigan, and was formerly faculty with the University of Georgia. His research interests include digital innovation, artificial intelligence, and institutional change in organizations. Prof. Dr. Berente is an experienced entrepreneur, the principal investigator for a number of U.S. National Science Foundation projects, and his work has been published in top journals, including *MIS Quarterly*, *Information Systems Research*, *Organization Science*, *Nature*, and *Research Policy*. He is Senior Editor at *MIS Quarterly* and at *Information and Organization*.