

# UniSysCat - Colloquium

Prof. Tim Cernak

University of Michigan

Start Time: Wednesday, December 14, 2022 05:15 pm

End Time: Wednesday, December 14, 2022 06:30 pm

C 264  
and via Zoom

## Chemical Synthesis Enabled by Information

Prof. Tim Cernak

University of Michigan

The Cernak Lab explores how molecules are converted from virtual ideas into physical samples with the total synthesis of complex natural products, the invention of new reaction methods, and the informatic study of molecules for applications such as drug discovery serving as our experimental playground. This talk will detail new algorithms and robotic synthesis methods that have been developed to enable chemical synthesis in the information age, linking chemical reactions to molecular properties.

Dr. Tobias Gensch

Organizer