Vincent Chevrier

Principal Investigator and Partner  
Cyclikal

Vincent Chevrier completed an MSc and PhD in Physics at Dalhousie University with Prof. Jeff Dahn and a post-doc at MIT with Prof. Gerbrand Ceder. Vincent joined 3M in 2010 and focused on the optimization, production and scale up of Si-based materials for high energy density Li-ion batteries. Topics of interest included material design and characterization, electrode design, cell optimization, and high precision coulometry and calorimetry. Vincent was the negative electrode point of contact for research from Prof. Jeff Dahn and Prof. Mark Obrovac’s groups for 6 and 8 years respectively. In 2018, Vincent and Larry Krause founded Cyclikal, a battery research and consulting company with a focus on high precision cycling and calorimetry. In 2021, Vincent joined Trion as CTO to lead the development and commercialization of a portfolio of silicon-based materials. He has over 30 academic papers, over 6000 citations, 11 invited talks at battery conferences, and 11 patents and patent applications.