



# Life Cycle Engineering and the Circular Economy: Design for Recycling and Recycle-based Design

TUES **APR 30**, 2019  
**12:00 pm - 1:00 pm**  
**Forest Sciences Centre**  
CAWP Caserom (FSC) 2916  
2424 Main Mall, UBC Vancouver

Engineers play a major role in facing today's environmental challenges. The Circular Economy paradigm proposed by the French government places a major focus on material efficiency, eco-design and environmental performance. Engineers must adopt a Life Cycle thinking approach, combining their technical and economic evaluations with environmental impact evaluation, including waste and product end-of-life management.

Dr. Perry will discuss his research on electrical and electronic equipment waste materials, innovative recycle-based design, and evaluation of waste or by-product management. The combination of different approaches, linking industrial ecology and Life Cycle Thinking can address these major environmental challenges.

Lunch will be provided.



Since 2011 Nicolas Perry has worked as a full professor at the Arts et Métiers Bordeaux at the Mechanical and Engineering Institute of Bordeaux. His research topics include environmental consideration in the design process and product evaluation. His main focus is on the composite domain due to a high connection with space and aircraft local industrial relationships.

**Hosted by Dr. Taraneh Sowlati**